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THE TYPE LOCALITIES OF THE FLORA BOREALI-AMERICANA OF ANDRÉ MICHAUX

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ABSTRACT

Many habitats of the text of the *Flora boreali-americana* of A. Michaux (1803), which is presumed to have been anonymously authored by L. C. M. Richard, have been observed to vary, sometimes drastically, from the field stations on the labels of the type specimens collected by Michaux. Since the field stations are the actual type localities rather than those given in the text, it is important to record them to promote precision in the use of the Michaux flora. A key to the IDC 6211 microfiche set of the Michaux American specimens, which are in the Paris Museum of Natural History, has been devised because the microfiches were found awkward to use. Each non-superfluous name proposed by Michaux is listed and its microfiche key designation is equivalent to an annotation of the specimen as the type.

Key Words: Michaux flora, type localities, field/text variances

INTRODUCTION

In the course of work I pursued in *Senecio* L. it was observed that Barkley (1978) had not seen the type of *S. tomentosus* and its type locality was given as "in Carolinae loco dicto Flat-Roc.", after the text of Michaux (1803). The gazetteer prepared by Ewan (1974) for the introduction to a facsimile edition of *Flora boreali-americana* gives Flat Rock as near Hendersonville, Henderson County, North Carolina, and cites it as the type locality of *Sedum pusillum* Michx. and *Senecio tomentosus*. Knowing the montane location of Flat Rock, North Carolina well, and the fact that these lowland species do not occur there, this struck me as incongruous. Neither species was dotted in distribution maps in Radford et al. (1968) for

Henderson County, North Carolina. I then looked up the two types in the IDC microfiche set of Michaux's American specimens and found they both indeed had Flat Rock on the labels. I then read Michaux's journal, as published by Sargent (1889), and found that Michaux had never passed through Flat Rock, North Carolina, but on 23 April 1795 and 6 April 1796 he passed Flat Rock, South Carolina, en route northwest from Charleston, South Carolina. I subsequently learned that this Flat Rock is a granite boss in northern Kershaw County, South Carolina, now a quarry, on state highway 58, the old Catawba Road, well within the range of both species, which I found growing in the vicinity, but not at the type locality due to habitat destruction. Flat Rock, South Carolina is the correct type locality of these species, and the Flat Rock of North Carolina was listed in error. The state of anthesis of the specimens indicates that the 6 April 1796 visit was the date of collection.

In addition to the above incongruity, many examples of variation between habitat data given on Michaux's labels and that given in the text of *Flora boreali-americana* became evident. For example, the habitat of *Vaccinium brachycerum* Michx. (= *Gaylussacia brachycera* (Michx.) A. Gray) is given in the text as Virginia, circa Winchester, but the habitat on the label reads "Warm Spring". There are numerous "Warm Springs" in the Winchester area, but Warm Spring is used in the singular on old maps only for Warm Spring Road, present-day US 252, which passes east and west through Winchester. Michaux passed through Winchester several times and could well have collected at this station. Repeated searches for the species in this region have been fruitless. It is obvious from Michaux's journal that he neither passed through present Warm Springs, Bath County, Virginia, where the species does now grow, nor old Warm Springs of Berkeley County, now Berkeley Springs, West Virginia. The Winchester type locality of the species remains enigmatic.

Francois-André Michaux, an eminent botanist in his own right, who wrote the introduction to the *Flora* credited to his father¹ states that each specimen was accompanied by a sheet of information "too prolix" for publication. These sheets, presumably in the Paris Museum, are not presently available to me, but a study of them

¹The *Flora* is believed to have been anonymously authored by L. C. M. Richard - see Stafleu and Cowan (1982).

might further add to the precision of the type localities of Michaux's North American collections. This study is based on a study of photographs of the specimens and their labels of IDC microfiche set 6211.

To use this present delineation of type localities it is necessary to slightly augment the gazetteer prepared by Ewan (1974) of Michaux's collecting stations. Additional place names which appear on Michaux's labels which are absent from the *Flora* are as follows:

Florida

Northwest River; Midwest River; those portions of the St. John's River geographically relative to St. Augustine, the Spanish capital of Florida, in St. John's and Clay Counties.

Tomoka River; in northeast Volusia county, north of Ormond Beach.

Georgia

Sunbury; in Long County, on south bank of mouth of Canoochee River, circa 10 miles south of Savannah.

Illinois

Fort Massac; Massac County, on Ohio River between Metropolis and Brockport, now a state park.

"Kaokia"; = Cahokia, St. Clair County.

Prairie du Rochier; Randolph County, a bluff on the Mississippi River, 21 miles northwest of Chester.

Kentucky

Big Barren River; Barren Oaks; Barren County.

"Piercetown"; apparently transliterated from Beardstown in Michaux's journal, presumably now Bardstown, Nelson County.

New York

Lasinburgh; = Lansingburg, Rensselaer County, now incorporated in Troy.

"Mountains near Lasinburg"; presumably a range of hills 10 miles east of Troy dominated by Rock Candy Mountain.

North Carolina

Davenport; an old rest stop at foot of Yellow Mountain, near Minneapolis, Avery County.

Fayetteville; Cumberland County.

Hill's Iron Works; actually in South Carolina on east bank of

Catawba River in York County, 32 miles north of Cane Creek (Lancaster County), according to Michaux's journal. Collecting done in North Carolina, across the river from this reference point, presumably was in Union County, near Waxhaw.

South Carolina

Fields of Caffet; not identified, believed to be in vicinity of Charleston.

Gaillard Road; present State Road 357, in Berkeley County, 7 miles southeast of Moncks Corner.

Garet Place; not identified, but believed to be in vicinity of Charleston.

Flat Rock; not in Henderson County, North Carolina, but in north Kershaw County, South Carolina, presently a quarry on State Road 58, 0.4 mile south of Lancaster County boundary.

Goose Creek; Berkeley County.

Nine Mile Brook (Ruisseau de Neuf Milles); unidentified but believed to be in vicinity of Charleston.²

Two Sisters; a ferry on the Savannah River north of the city of Savannah, with the Carolina dock in Beaufort County.

Virginia

Warm Spring; believed to refer to the Warm Spring Road (present US 252) running west out of Winchester in Frederick County.

Current taxonomic names used in this study for Michauxian equivalents represent, in the author's judgment, prevailing names in current manuals; not necessarily the most recently published combinations, but names which will be familiar to most botanists. Rarely a name recently published, not yet in manuals but widely accepted, is used. If an asterisk (*) follows the name it means an alternate name is present in the National List of Scientific Plant Names (1982). In any case, botanists can derive names they may prefer from names I use. Manuals particularly useful in this study are Cronquist (1980), Gleason and Cronquist (1963), Godfrey and Wooten (1979, 1981), and Radford, Ahles, and Bell (1968). Reference to several botanically historical works was frequent, and reference to geography and history was indispensable. *Index Kewensis* was virtually constantly used.

²Michaux's plantation was at Ten Mile Station (10 miles north of old Charleston).

In the course of this study, the microfiche set of Michaux's North American collections (IDC 6211) was found awkward to use. It frequently deviated from the sequence of species in the *Flora* and lacked an index so that the user often had to resort to trial and error in locating a particular photograph of a specimen. To correct this situation a key to the type specimens photographed for the microfiche was devised which is very simple to use. There are twenty-one photographs on each microfiche film card, reading from left to right, and each film is numbered. Thus the microfiche photograph of *Senecio lyratus* Michx. is 99:13, 99 being the microfiche card number, 13 the particular specimen. This key appears in the upper right of each entry which follows and each such designation is equivalent to the selection of the specimen photographed as the holotype, if single, or lectotype, if one of a series.

Michaux's names and handwritten data are presented *sic*. Superfluous names are omitted. In general, the order of species follows the *Flora* text, but it is occasionally desirable to deviate from this sequence to keep the sequence of the microfiches in approximate order. In any case, the genus can be located in the *Flora* index. The few non-vascular types in the Michaux *Flora* were not considered practical to treat in this paper. There are 747 entries of types which follow.

EXAMPLES OF FORMAT OF VARIOUS ENTRIES

- | (Volume and page number in <i>Flora</i>) | (Microfiche key number) |
|--|-------------------------|
| 2: 120 <i>Senecio lyratus</i> Michx. | 99: 13 |
| T: in nemoribus Carolinae (Habitat in <i>Flora</i> text). | |
| M: pastures arides pres Charlest. Printems. (Habitat on Michaux's specimen label, the actual type locality). <i>Senecio glabellus</i> Poir. (Prevailing present name. If asterisk follows, = alternative name in <i>National List of Scientific Plant Names</i> .) | |

In case the Michaux name is the presently accepted name and there are no locality data on the label, or the label data are exactly the same as the text data, the taxon will be listed (1) to give its microfiche key number and (2) to indicate that the specimen photographed is annotated as the type. The text habitat is accepted for the present. Format:

- | | |
|---|--------|
| 2: 117 <i>Solidago glomerata</i> Michx. | 99: 12 |
|---|--------|

Where the locality data situation is the same as above, but the present name is different than the one proposed by Michaux, the format will be the same except to show the prevailing current name, i.e.:

- 2: 121 *Doronicum nudicaule* Michx. 99: 21
Arnica acaulis (Walt) BSP

In a few cases the microfiche picture of a type was not located. In such an entry, the microfiche key space is left blank and the *Flora* text data are accepted as diagnostic.

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ENTRIES OF TYPES

MICHAUX VOL. I

- 1:2 *Salicornia ambigua* Michx. 1:4
Salicornia virginica L.
- 1:6 *Gratiola quadridentata* Michx. 1:4
Gratiola ramosa Walt.
- 1:7 *Gratiola anagallidea* Michx. 1:3
T: in humidus Carolinae.
M: in umbrosus humidis Carolinae. Basse Carolina.
Lindernia anagallidea (Michx.) Pennell
- 1:7 *Gratiola pilosa* Michx. 2:2
- 1:8 *Justicia humilis* Michx. 2:9
Justicia ovata var. *lanceolata* (Chapm.) R. W. Long
- 1:7 *Justicia pedunculosa* Michx. 2:7
T: in littoribus hieme inundatis fluminum Ohio, S. Laurentii, Mississippi.
M: Ohio, Fl. S. Laurent.
Justicia americana (L.) Vahl

- 1:9 *Elytraria virgata* Michx. 2:14
 T: in humidis Carolinae inferioris.
 M: Carolina
Elytraria caroliniensis (J. F. Gmel.) Pers. var.
caroliniensis
- 1:10 *Micranthemum orbiculatum* Michx. 2:15
Micranthemum umbrosum Walt. in J. F. Gmel.
- 1:11 *Pinguicula elatior* Michx. 3:3
Pinguicula caerulea Walt.
- 1:11 *Pinguicula acutifolia* Michx. 3:1
Pinguicula villosa L.
- 1:11 *Pinguicula pumila* Michx. 2:21
- 1:12 *Utricularia ceratophylla* Michx. 2:17
Utricularia inflata Walt.
- 1:13 *Utriculata cornuta* Michx. 2:18
- 1:14 *Utriculata setacea* Michx. 2:19
Utriculata gibba L.
- 1:13 *Cunila glabella* Michx. 3:11
Satureja glabella (Michx.) Briquet var. *glabella*
- 1:14 *Lycopus uniflorus* Michx. 3:17
 T: ad Lacus S-Joannis et Mistassins.
 M: Lac St. Jean au Lac Mistassins.
- 1:15 *Salvia angustifolia* Michx. 4:7
Salvia azurca Lam.
- 1:16 *Monarda allophylla* Michx. 4:14
Monarda fistulosa L. var. *fistulosa*
- 1:17 *Collinsonia tuberosa* Michx. 5:9
- 1:18 *Valeriana pauciflora* Michx. 5:18
- 1:20 *Elodea canadensis* Michx. 5:18
 T: in rivulis Canadae.
 M: env. de Montreal.
- 1:20 *Hertieria Gmelini* Michx. 5:21
Lachnanthes caroliniana (Lam.) Dandy
- 1:23 *Xyris brevifolia* Michx. 6:5
 T: in pratensibus udis Georgiae inferioris.
 M: Georgia.
- 1:24 *Commelina longifolia* Michx. 6:11
Commelina virginica L.

- 1:27 *Cyperus hydra* Michx. 7:3
 T: in cultis Virginiae, Carolinae, Floridae.
 M: in Virginia maritima Carolina Georgia.
- 1:27 *Cyperus flavicornus* Michx. 7:1
Cyperus strigosus L.
- 1:28 *Cyperus virens* Michx. 7:12
- 1:28 *Kyllingia pumila* Michx. 7:8
Cyperus tenuifolius (Steud.) Dandy
- 1:29 *Kyllingia maculata* Michx. 7:11
Lipocarpa maculata (Michx.) Torr.
- 1:29 *Kyllingia ovularis* Michx. 7:11
 T: in Georgia et Carolina.
 M: jardin Basse Carol. (Charleston? - auth.)
Cyperus ovularis (Michx.) Torr. var. *ovularis*
- 1:30 *Scirpus quadrangulatus* Michx. 8:2
 T: in Carolina
 M: in Marais de la Caroline. Fleurit in May et Juin, 1794.
Eleocharis quadrangulata (Michx.) R. & S. var. *quadrangulata*
- 1:30 *Scirpus tuberculosus* Michx. 7:20
 T: in Carolina inferiore.
 M: in herbosis humidis Carolina inferioris.
Eleocharis tuberculosa (Michx.) R. & S.
- 1:30 *Scirpus capillaceus* Michx. 8:3
 T: in nova Anglia.
 M: Connecticut.
Eleocharis acicularis (L.) R. & S.
- 1:31 *Scirpus puberulus* Michx.
 T: in Carolina et Georgia.
 M: in Georgia.
Fimbristylis dichotoma (L.) Vahl
- 1:31 *Scirpus castaneus* Michx. 8:5
 T: in Florida.
 M: in Carolina, juxta Tomoka creek (= Tomoka River, Volusia County, Florida—auth.)
Fimbristylis castanea (Michx.) Vahl
- 1:31 *Scirpus mucronulatus* Michx. 8:21
 T: in montibus Carolinae.
 M: haute et basse Caroline.
Fimbristylis autumnalis (L.) R. & S.
- 1:32 *Scirpus maritimus* var. *macrostachyus* Michx.
Scirpus robustus Pursh

- 1:35 *Scirpus lineatus* Michx. 8:8
- 1:34 *Eriophorum hudsonianum* Michx. 9:4
 T: a sinu Hudsonis ad lacus Mistassins.
 M: Lacs Mistassinis.
Eriophorum alpinum L.
- 1:36 *Schoenus sparsus* Michx. 9:18
 T: in umbrosis sylvarum Carolinae, Georgiae.
 M: Basse Carolina fôrets ombrages.
Rhynchospora miliacea (Lam.) A. Gray
- 1:36 *Schoenus longirostis* Michx. 9:18
 T: in Virginia et Carolina.
 M: haute et basse Carolina.
Rhynchospora corniculata (Lam.) A. Gray
- 1:35 *Schoenus inexpansus* Michx. 9:21
Rhynchospora inexpansa (Michx.) Vahl
- 1:35 *Schoenus rariflorus* Michx. 9:5
Rhynchospora rariflora (Michx.) Ell.
- 1:36 *Schoenus capitellatus* Michx. 9:11
Rhynchospora capitellata (Michx.) Vahl.
- 1:36 *Schoenus ciliaris* Michx. 9:10
 T: in Florida
 M: in Florida, juxta Tomoka Creek (= Tomoka River, Volusia County - auth.)
Rhynchospora ciliaris (Michx.) Mohr
- 1:36 *Schoenus distans* Michx. 9:7
 T: in Carolina.
 M: in Carolina, Georgia.
Rhynchospora glomerata (L.) Vahl var. *glomerata*
- 1:37 *Schoenus fascicularis* Michx. 9:9
Rhynchospora fascicularis (Michx.) Vahl
- 1:37 *Dichromena leucocephala* Michx. 10:3
 T: in Carolina et Georgia.
 M: Carolina, 1794
Dichromena latifolia Baldw. ex. Ell.
- 1:37 *Fuirena squarrosa* Michx. 10:6
 T: in paludosis Georgiae et Carolinae
 M: Basse Carol et Jardin (Charleston - auth.)
- 1:38 *Fuirena scirpoidea* Michx. 10:9
 T: in paludosis aestate exsiccabilibus Floridae.
 M: Le 11 Avril (1787 - auth.) vers le haut de Tomoko riv.

- 1:39 *Leersia lenticularis* Michx. 10:12
 T: in paludosis Illinoensibus.
 M: in paludosis regionis Illinoensium.
- 1:40 *Dilepyrum aristosum* Michx. 10:15
 T: in umbrosissylvis Georgiae et Carolinae.
 M: in umbrosis Carolinae sylvis
Brachyelytrum erectum (Shreb.) Beauv. var. *erectum*
- 1:40 *Dilepyrum minutiflorum* Michx. 10:14
 T: in apricis, pratensibus regionum Kentucky et Illinoensium.
 M: in habitum praestantissimo ad in Kentucky, Illinoensium.
Muhlenbergia schreberi J. F. Gmel.
- 1:41 *Aristida oligantha* Michx. 10:19
 T: in vastissimus pratensibus Illinoensibus.
 M: Route des Illinois au fort Massac lieux alternativment submerger
 parles Pluy.
- 1:41 *Aristida dichotoma* Michx. 10:21
 T: in Carolina superiore, juxta Lincoln in glareosis.
 M: in Carolina septentrionali juxta Lincoln.
- 1:41 *Aristida stricta* Michx. 11:2
 T: in Carolina inferiore.
 M: in Carolina.
- 1:42 *Trichodium laxiflorum* Michx. 11:4
 T: in humidis et pratensibus a sinu Hudsonis ad Floridam.
 M: Pensylvanie.
Agrostis hyemalis (Walt.) BSP
- 1:42 *Trichodium decumbens* Michx. 11:14
 T: a Virginia maritima ad Floridam.
 M: in Carolina, praesertim in umbrosis ripariis Amnium.
Agrostis perennans (Walt.) Tuckerm. var. *perennans*
- 1:44 *Digitaria paspalodes* Michx. 11:15
 T: in pascuis aridis, juxta Charlston.
 M: in pascuis aridis Carolinae.
Paspalum distichum L. var. *distichum*
- 1:45 *Digitaria pilosa* Michx. 11:16
 T: in sabulosis sylvarum Carolinae, Georgiae et alibe.
 M: in sabulosis Carolina, Georgia.
Digitaria filiformis var. *villosa* (Walt.) Fern.
- 1:50 *Panicum melicarium* Michx. 11:19
 T: in Carolina, Georgia.
 M: in Carolina ad ripas rivorum affluente mari inundatum.
 (incongruous; the species occurs in North Carolina in the
 piedmont and in montane areas - auth.)
Glyceria melicaria (Michx.) F. T. Hubb.

- 1:48 *Panicum anceps* Michx. 12:7
 T: in Carolinae herbosis humidis sylvaticis.
 M: in herbosis humidis Carolinae, Virginiae, Georgiae.
Panicum anceps Michx. var. *anceps*
- 1:48 *Panicum dichotomiflorum* Michx. 12:8
 T: in occidentalibus montium Alleghanis.
 M: in regione Illinoensium.
Panicum dichotomiflorum Michx. var. *dichotomiflorum*
- 1:47 *Panicum molle* Michx. 12:11
 T: in cespitosis Floridae
 M: Lieux tres humides a 15 miles de St. Augustin (believed to be to the south - auth.)
Erichloa michauxii (Poir.) Hitchc. var. *michauxii*
- 1:50 *Panicum ramulosum* Michx. 12:13
 T: in sylvis Carolinae.
 M: in pratis, cespitosus Carolina.
Panicum angustifolium Ell.* (The basionym is questioned by Hitchcock and Chase (1950)).
- 1:51 *Oryzopsis asperifolia* Michx. 12:20
 T: a sinu Hudsonis ad Quebec, per tractus montium.
 M: in praeriptus et saxosus per tractus montium a sinu hudsonis ad Canadam.
- 1:44 *Paspalum ciliatifolium* Michx.* 12:21
 T: in Carolina.
 M: in Carolina, Georgia.
- 1:44 *Paspalum debile* Michx.* 13:1
 T: in maritimis Carolinae et Georgiae.
 M: in Carolina.
- 1:43 *Paspalum setaceum* Michx. 13:2
 T: in aridis Carolina inferioris.
 M: in aridis apricis Carolina, Georgia. Champ a Caffet, Juliet.
Paspalum setaceum Michx. var. *setaceum*
- 1:45 *Paspalum plicatulum* Michx. 13:3
- 1:44 *Paspalum laeve* Michx.* 13:4
- 1:44 *Paspalum floridanum* Michx.* 13:6
 T: in Florida et Georgia.
 M: Georgie et Floride.
- 1:53 *Agrostis lateriflora* Michx. 13:8
 T: praesertim in praecipitus saxosus fluminis Mississippi et ripariis Illinoensibus.
 M: (same except the "et" is omitted, meaning the Mississippi shores of Illinois - auth.)

- 1:53 *Agrostis racemosa* Michx. 13:9
Muhlenbergia racemosa (Michx.) BSP
- 1:52 *Agrostis dispar* Michx. 13:11
 T: in Carolina inferiore.
 M: in Carolina maritima.
Agrostis stolonifera L.
- 1:52 *Agrostis aspera* Michx. 13:13
 T: in collibus rupibusque regione Illinoensis
 M: in Illinois
Sporobolus asper (Michx.) Kunth var. *asper*
- 1:43 *Alopecurus aristulatus* Michx. 13:17
 T: in paludosis Canadae.
 M: in Canada ad ripas Lacus Champlain.
Alopecurus aequalis Sobol. var. *aequalis*
- 1:55 *Erianthus saccharoides* Michx. 13:19
Erianthus giganteus (Walt.) Muhl.
- 1:55 *Erianthus brevibarbis* Michx. 13:21
 T: in collibus Tennassée et Carolinae.
 M: in collibus desertis ab Amnio Wabash ad Ostium Missouri.
- 1:56 *Andropogon macrourum* Michx. 14:1
 T: a Carolina ad Floridam
 M: a Virginia ad Carolinam.
Andropogon glomeratus (Walt.) BSP
- 1:57 *Andropogon dissitiflorum* Michx. 14:5
 T: a Carolina ad Floridam.
 M: in Carolina, Georgia, Florida.
Andropogon virginicus L.
- 1:58 *Andropogon avenaceum* Michx. 14:6
 T: in vastissimus pratis Illinoensibus.
 M: in regionae Illinoensium.
Sorghastrum nutans (L.) Nash
- 1:57 *Andropogon scoparium* Michx. 14:7
Andropogon scoparius Michx.*
- 1:57 *Andropogon ternarium* Michx. 14:8
 T: in montosis Carolinae.
 M: in regiona Wabash, Georgia montosa.
Andropogon ternarius Michx. var. *ternarius*
- 1:59 *Chloris curtispindula* Michx. 14:10
 T: in aridis regionis Illinoensis ad Wabast et in rupibus ad prairie du rocher.
 M: in hauteurs du Missouri et Poste Vincenne.
Bouteloua curtispindula (Michx.) Torr. var. *curtispindula*

1984]	Uttal — Michaux localities	13
1:59	<i>Chloris mucronata</i> Michx. <i>Dactyloctenium aegyptium</i> (L.) Willd.	14:13
1:59	<i>Chloris monostachya</i> Michx. <i>Ctenium aromaticum</i> (Walt.) Wood	14:15
1:60	<i>Tripsacum cylindricum</i> Michx. T: in sabulosis Floridae. M: in Florida. <i>Manisuris cylindrica</i> (Michx.) Kuntze*	14:17
1:61	<i>Aira ambigua</i> Michx. T: circa lacus Mistassins et juxta anines in lacun s. Joannis defluent es. M: Riv que lombent au Lac St. Jean. <i>Deschampsia cespitosa</i> (L.) Beauv.	15:2
1:62	<i>Aira melicoides</i> Michx. <i>Trisetum melicoides</i> (Michx.) Scribn.	15:3
1:62	<i>Aira obtusata</i> Michx. T: in aridis, a Carolinae ad Floridam. M: in sabulosis Carolinae, Georgiae, Floridae; in Florida juxta dominus Wiggin. <i>Sphenopholis obtusata</i> (Michx.) Scribn. var. <i>obtusata</i>	15:4
1:62	<i>Melica glabra</i> Michx. T: a Virginia ad Floridam. M: a Carolina ad Floridam. Florida f. Matança. <i>Melica mutica</i> Walt.	15:5
1:64	<i>Trachynotia polystachia</i> Michx. T: in inundatis maritimis, a Nova Anglia ad Floridam. M: Basse Caroline. <i>Spartina cynosuroides</i> (L.) Roth	15:6
1:64	<i>Trachynotia juncea</i> Michx. T: in sicca maritimis Carolinae, Georgiae. M: Bord des creeks sales Basse Caroline. <i>Spartina patens</i> (Ait.) Muhl. var. <i>patens</i>	15:8
1:65	<i>Eleusine mucronata</i> Michx. T: in cultis Illinoensibus. M: Illinois. <i>Leptochloa filiformis</i> (Lam.) Beauv. var. <i>filiformis</i>	15:9
1:65	<i>Bromus canadensis</i> Michx. T: in Canada. M: Canada: Lac St. Jean. <i>Bromus ciliatus</i> L. var. <i>ciliatus</i>	15:14
1:67	<i>Festuca distichiphylla</i> Michx. T: in maritimis Carolinae.	15:18

- M: Bord de la Mer en Carol.
Distichlis spicata (L.) Greene var. *spicata*
- 1:68 *Festuca polystachya* Michx. 15:19
Leptochloa fascicularis (Lam.) A. Gray
- 1:67 *Festuca poaeoides* Michx. 16:7
T: ad ripas maritimas fluminis S. Laurentii.
M: Fleuve St. Laurent
Festuca elatior L.*
- 1:65 *Poa hirsuta* Michx. 16:12
T: in Carolina inferiore.
M: Carol
Eragrostis hirsuta (Michx.) Nees
- 1:69 *Poa reptans* Michx. 16:14
T: in limosis ripariis amnium regionis Illinoensis.
M: Rivierre Kaskasia.
Eragrostis reptans (Michx.) Nees
- 1:71 *Uniola gracilis* 17:20
T: in umbrosis sylvarum, a Carolina ad Georgiam.
M: Larinburg (not to be confused with "Lasinburg", New York; presumably Laurinburg, Scotland County, North Carolina - auth.)
Chasmanthium laxum (L.) Yates.
- 1:70 *Uniola latifolia* Michx. 16:20
T: in occidentalibus montium Alleghanis.
M: Illinois.
Chasmanthium latifolium (Michx.) Yates.
- 1:72 *Avena flumosa* Michx. 17:2
T: in Pensylvania, Carolina.
M: Parmi les aristida Illinois. A Canada ad Carolinam.
Danthonia spicata (L.) Beauv. ex R. & S.
- 1:71 *Briza canadensis* Michx. 17:6
Glyceria canadensis (Michx.) Trin. var. *canadensis*
- 1:73 *Avena striata* Michx. 17:7
T: a sinu Hudsonis per tractus montium ad Canadam.
M: Lac des Cygnes Montagn. ent. la Baye d'Hudson et le Canada Mistassins.
Schizachne purpurascens (Torr.) Swallen
- 1:72 *Avena mollis* Michx. 17:8
T: in Canada.
M: Montreal.
Trisetum spicatum (L.) Richt. var. *spicatum*

- 1:72 *Avena palustris* Michx. 17:9
 T: in Georgiae et Carolinae paludosis graminosis. Floret Maio.
 M: Georgia et Carolina. Lieux humides.
Trisetum pensylvanicum (L.) Beauv.
- 1:73 *Arundo canadensis* Michx. 17:10
 T: in Canada Lacunum.
 M: a sinu Hudsonis ad Canadam praesertim ad ripas Lacunum.
Calamagrostis canadensis (Michx.) Beauv. var. *canadensis*
- 1:73 *Arundinaria macrosperma* Michx. 17:12
 T: ad ripas flum. Mississipi: in Carolina, Florida, etc.
 Martio florens.
 M: a Virginia ad Floridam et in occidentibus ab Illinoensibus ad
 ostium Misissipi.
Arundinaria gigantea (Walt.) Muhl.
- 1:74 *Zizania miliacea* Michx. 17:14
 T: in aquosis Americae septentrionalis.
 M: Lac Champlain, New Jersey, Carolines, Illinois et Lacs d'Am
Zizania aquatica L. var. *aquatica*
- 1:75 *Zizania fluitans* Michx. 17:15
 T: ad lacum Champlain.
 M: juxta Charleston, Carolines, Fleuret in Juillet.
Zizania aquatica L. var. *aquatica*
- 1:75 *Zizania clavulosa* Michx.
Zizania aquatica L. var. *aquatica*
- 1:54 *Stipa sericea* Michx. 18:4
 T: in sabulosis Carolinae inferioris.
 M: inferiore in Carolina
Muhlenbergia capillaris (Lam.) Trin.
- 1:77 *Lechea thymifolia* Michx. 20:1
Lechea minor L.
- 1:77 *Lechea racemulosa* Michx. 20:2
- 1:77 *Lechea tenuifolia* Michx. 20:3
Lechea tenuifolia Michx. var. *tenuifolia*
- 1:80 *Galium circaezans* Michx
Galium circaezans Michx. var. *circaezans*
- 1:78 *Galium asprellum* Michx. 20:7
 T: in septentrionalibus Canadae.
 M: Quebec, Lac St. Jean.
- 1:78 *Galium claytoni* Michx. 20:8

- T: in Canada et Nova Caesarea.
M: Lac St. Jean, New Jersey.
Galium tinctorium L. subsp. *tinctorium*
- 1:79 *Galium latifolium* Michx. 20:9
T: in altis montibus utrisque Carolinae.
M: Caroline hautes montag.
- 1:79 *Galium uniflorum* Michx. 20:10
T: in Carolina
M: Caroline
- 1:80 *Galium triflorum* Michx. 20:11
T: in umbrosis Canadae sylvis.
M: in Canada.
- 1:79 *Galium hispidulum* Michx. 20:12
T: in Carolina inferiore.
M: in Carolina.
- 1:80 *Galium puncticulosum* Michx. 20:13
T: in Carolina inferiore.
M: Basse Carolina.
Galium pilosum Ait. var. *pilosum*
- 1:81 *Rubia Brownei* Michx. 20:14
T: in umbrosis, a Carolina ad Floridam.
M: in umbrosis Sylvarum Carolinae.
Galium hispidulum Michx.
- 1:82 *Spermocoe diodina* Michx. 20:17
T: in aridis sabulosis sylvarum Carolinae. Augusto et Septembri floret.
M: Lieux arides, basse Caroline.
Diodea teres Walt. var. *teres*
- 1:83 *Polypreum Linnei* Michx. 21:3
Polypreum procumbens L.
- 1:83 *Oldenlandia glomerata* Michx. 21:5
T: in humidis Carolinae inferioris.
M: Basse Caroline.
Oldenlandia uniflora L.
- 1:84 *Houstonia Linnaei* var. α *elatio*r Michx. 21:11
Houstonia caerulea L.
- 1:85 *Houstonia Linnaei* var. β *minor* Michx. 21:10
Houstonia pusilla Schoepf.
- 1:85 *Houstonia serpyllifolia* Michx. 21:9
T: ad fonticulos rivosque excelsorum montium Carolinae.

Maio florens.

M: in sommet des plus hautes montagnes.

1:85 *Houstonia rotundifolia* Michx. 13:14

T: in apricis submaritimis Floridae et Carolinae. Martio floret.

M: in Voyes la descript. au supplem. des Pl. de la Floride. No. Iem.
Houstonia procumbens (Walt. ex J. F. Gmel.) Standl.

1:86 *Houstonia varians* Michx. 21:16

T: in diversis locis ubrusque Carolinae et alibi. Floret Julio.

M: haute et basse Caroline.
Houstonia purpurea L. var. *purpurea*

1:85 *Houstonia angustifolia* Michx. 21:19

Houstonia longifolia Gaertn. var. *longifolia*

1:87 *Ludwigia nitida* Michx. 22:7

T: in humidis Carolinae inferioris. Floret Maio.

M: in Carolina, maio floret.
Ludwigia palustris (L.) Ell.

1:88 *Ludwigia pedunculosa* Michx. 22:8

T: in paludosis submaritimis Carolinae inferioris. Maio floren.

M: in Carolina maritima ad ripas uliginosis. Maio floret. flos lutens.
Ludwigia arcuata Walt.

1:88 *Ludwigia microcarpa* Michx. 22:10

T: in humidis Carolina inferioris. Julio floret.

M: in udis graminosis Carolina. Goose Creek.

1:88 *Ludwigia angustifolia* Michx. 22:12

T: juxta fossas aquosas Carolinae inferioris. Augusto et Septembri
floret.

M: Carol.
Ludwigia linearis Walt.

1:89 *Ludwigia jussiaeoides* Michx. 22:14

T: in aquosis praesertim umbrosis Carolinae inferioris. Floret Julio.

M: Caroline.
Ludwigia decurrens Walt.

1:90 *Ludwigia macrocarpa* Michx. 22:16

Ludwigia alternifolia L.

1:89 *Ludwigia virgata* Michx. 22:17

1:90 *Ludwigia mollis* Michx. 22:18

T: in paludosis Carolinae inferioris. Julio floret.

M: Basse Carol
Ludwigia pilosa Walt.

1:90 *Ludwigia capitata* Michx. 22:20

Ludwigia suffruticosa Walt.

- 1:91 *Cornus tomentosula* Michx. 23:7
 T: in collibus amnium ripariis Canadae, New Yorck, Connecticut.
 Junio et Julio floret.
 M: Lac Champlain Canada et Rivierre Sagney.
Cornus rugosa Lam.
- 1:92 *Cornus lanuginosa* Michx. 23:8
 T: in humidis Canadae et Carolinae.
 M: Montreal. Riviere de l'Assompt.
Cornus amomum Mill.
- 1:92 *Cornus stolonifera* Michx. 23:18
 T: ad ripas amnium rivorumque Canadae, Novae Angliae.
 M: des rivages Lac St. John et rivieres qui coulant aux Lacs
 Mistassins.
 Tres Rivieres.
Cornus stolonifera Michx. var. *stolonifera*
- 1:92 *Cornus fastigiata* Michx. 23:20
 T: in dumosis, ad ripas rivolorum Virginiae, Carolinae, Aprili
 floret.
 M: Pres le ruisseau de Neuf Miles...en Caroline. Fleurit a la fin
 d'Avril.
Cornus foemina Mill. subsp. *foemina*
- 1:93 *Cornus asperifolia* Michx.
- 1:94 *Plantago sparsiflora* Michx. 24:17
 T: in sylvis Carolinae et Georgiae.
 M: Basse Caroline et Georgia in aridis sylvanum.
- 1:95 *Plantago aristata* Michx. 24:19
- 1:97 *Fraseri walteri* Michx. 25:1
Swertia caroliniensis (Walt.) Kuntze
- 1:98 *Centaurella verna* Michx. 25:4
Bartonia verna (Michx.) Muhl.
- 1:98 *Centaurella paniculata* Michx. 25:5
Bartonia paniculata (Michx.) Muhl.
- 1:99 *Ammannia humilis* Michx. 25:8
 T: in paludosis Carolinae septentrionalis. Septembri florens.
 M: Fayetteville et Carolina.
Rotala ramosior (L.) Koehne
- 1:100 *Allionia nyctaginea* Michx. 25:10
 T: ad ripas fluminis Tennassée.
 M: au dessus de la maison du Docteur White des Rochers
 Cumberland River.
Mirabilis nyctaginea (Michx.) MacM.

- 1:105 *Pinckneya pubens* Michx. 26:5
- 1:105 *Caprifolium bracteosum* Michx. 26:12
 T: in montibus Carolinae.
 M: Lac Champlain et Maryland.
Lonicera dioica L. var. *dioica*
- 1:106 *Xylosteum villosum* Michx. 26:15
 T: in praeruptis saxosis, per tractus montium, a sinu Hudsonis ad Canadam.
 M: Lac des Cygnes, Mistassin et Riv des Goelands. *Lonicera villosa* (Michx.) R. & S.*
- 1:106 *Symphoricarpus vulgaris* Michx. 26:16
 T: in Virginia et Carolina.
 M: Etat de Cumberland et Lieux arides de Kentucky.
Symphoricarpus orbiculatus Moench.
- 1:107 *Symphoricarpus racemosus* Michx. 26:17
 T: in montanis, ad lacus Mistassins.
 M: hauteur des terres pres Mistassin.
Symphoricarpus albus (L.) Blake var. *albus*
- 1:108 *Diervilla tourneforti* Michx. 26:18
 T: in Canada, Nova Anglia et in cacumne montium excelsorum Carolinae.
 M: sur Black Mountain, Albany, Lasinburg, jusqu'aux Laes de la Baye d'Hudson.
Diervilla lonicera Mill.
- 1:107 *Triosteum minus* Michx. 26:19
 T: in Virginia.
 M: in Carolina septentrionali juxta Hill's Iron Works.
Triosteum angustifolium L. var. *angustifolium*
- 1:108 *Campanula acuminata* Michx. 26:21
 T: in remotis occidentalibus Pensylvania et Virginia.
 M: hautes Montagn de Carol. et Kentucky et Illinois.
 Fleurit en Juillet, Aoust.
Campanula americana L.
- 1:109 *Campanula flexuosa* Michx. 27:1
 T: in montibus altis Carolinae.
 M: hautes Montag.
Campanula divaricata Michx.
- 1:108 *Campanula amplexicaulis* Michx. 27:2
 T: in cultis hortensibus Pensylvaniae, Carolinae.
 M: in Carolina.
Specularia perfoliata (L.) A. DC.*

- 1:109 *Campanula divaricata* Michx. 27:3
 T: in altis montibus Carolinae.
 M: Montagn de la Carol.
- 1:110 *Ribes albinervium* Michx. 27:7
 T: in Canada, ad amnen Mistassin.
 M: Rivierre Mistassin Canada.
Ribes triste Pall.
- 1:110 *Ribes rigens* Michx. 27:11
 T: in Canada, ad amnen Mistassin.
 M: Rivierre Mistassin.
Ribes glandulosum Grauer
- 1:111 *Ribes hirtellum* Michx. 27:12
 T: in saxosis, ad amnem Sagney.
 M: Rochers de la Rivierre Sagney.
Ribes oxycanthoides L.
- 1:111 *Ribes gracile* Michx. 27:13
 T: in montibus Tennassée.
 M: in montibus Tennassée in itinera Nashville.
Ribes missouriense Nutt. var. *missouriense*
- 1:110 *Ribes rotundifolium* Michx. 27:14
 T: in montibus excelsis Carolinae.
 M: Tres hautes Montg Carolines.
- 1:110 *Ribes trifidum* Michx. 27:12
 T: juxta Quebec et sinum Hudsonis.
 M: Quebec.
Ribes glandulosum Grauer
- 1:112 *Thesium corymbulosum* Michx. 27:18
 T: in aridis America Septentrionalis.
 M: Lac Champlain, Pensylv, haute Caroline.
Comandra umbellata (L.) Nutt. var. *umbellata*
- 1:113 *Anychia herniarioides* Michx. 27:19
 T: in arenosis Carolinae septentrionalis.
 M: Pinieres arides, in sabulosis Carolinae.
Paronychia herniarioides (Michx.) Nutt.
 Note: not listed in North Carolina today; very rare in
 South Carolina-auth.
- 1:113 *Anychia argyrocoma* Michx. 27:20
 T: in rupibus montium superioris Carolinae.
 M: Rochers des hautes Montagn des Carolines.
Paronychia argyrocoma (Michx.) Nutt. var. *argyrocoma*
- 1:113 *Anychia dichotoma* Michx. 27:21
 T: in collibus calcariis Pennsylvania superioris et Kentucky.

- M: in excelsis montib. Carolinae Montag. de Pensyl
Paronychia canadensis (L.) Wood.
- 1:115 *Asclepias hybrida* Michx. 28:11
Asclepias variegata L.
- 1:116 *Asclepias longifolia* Michx. 28:18
T: in sylvis Georgiae occidentalibus.
M: Carolines et Illinois.
- 1:116 *Asclepias debilis* Michx. 28:19
T: in aquosis umbrosis Carolinae.
M: in umbrosis Carolinae.
Asclepias perennis Walt.
- 1:117 *Asclepias paupercula* Michx. 28:20
T: in herbidis humidis Carolina inferioris.
M: in herbidis humidis Carolina.
Asclepias lanceolatis Walt.
- 1:117 *Asclepias laurifolia* Michx. 28:21
T: secus amnem Althamaha, in Georgia.
M: secus amnem Altamaha, in Georgia.
Asclepias rubra L.
- 1:119 *Gonolobus laevis* Michx. 29:3
T: in dumetosis Fluminis Mississippi.
M: Illinoense.
Cynanchum laeve (Michx.) Pers.
- 1:119 *Gonolobus macrophyllus* Michx. 29:4
Cynanchum laeve (Michx.) Pers.
- 1:119 *Gonolobus hirsutis* Michx. 29:5
Matalea carolinensis (Jacq.) Woodson
- 1:120 *Gelsemium mitidum* Michx. 29:12
Gelsemium sempervirens (L.) Ait. f.
- 1:120 *Echites puberula* Michx. 29:15
T: in sylvis Carolinae inferioris.
M: Ohio, Fort Massac, Carol. et Georgia. Partie meridionale de la Virginie.
Trachelospermum difforme (Walt.)
- 1:121 *Amsonia latifolia* Michx. 29:17
Amsonia Tabernaemontana Walt.
- 1:121 *Amsonia angustifolia* Michx. 29:18
T: in sabulosis apricis Georgia.
M: Carol.
Amsonia ciliata Walt.

- 1:123 *Sideroxylon chrysophylloides* Michx. 30:1
 T: in dumetis littoralibus Carolinae.
 M: juxta Charleston; Carol. et Georgie.
Bumelia tenax (L.) Willd.
- 1:122 *Sideroxylon lanuginosum* Michx. 30:3
 T: in dumosis humidis Georgiae.
 M: in Georgia.
Bumelia lanuginosa (Michx.) Pers.
- 1:122 *Sideroxylon reclinatum* Michx. 30:6
 T: in dumetosis ripariis Georgiae.
 M: sur la rivierre Ste Marie. Fleurit le 10 May. (1787 - auth.)
Bumelia tenax (L.) Willd.
- 1:123 *Dodecatheon integrifolium* Michx. 30:7
 T: in montibus Alleghanis, juxta rivulos sylvaticos.
 M: in montibus occidentalibus Caroline juxta rivulos sylvaticos.
Dodecatheon meadia L. var. *meadia*
- 1:124 *Primula mistassinica* Michx. 30:16
 T: ad lacus Mistassins Canadam inter et fretum Hudsonis.
 M: Rivierre des Goelands.
- 1:126 *Menyanthes trachysperma* Michx. 30:18
Nymphoides aquatica (Walt. ex J. F. Gmel.) Kuntze
- 1:130 *Batschia canescens* Michx. 31:9
Lithospermum canescens (Michx.) Lehm.
- 1:130 *Batschia gmelini* Michx. 31:11
Lithospermum carolinense (Walt. ex J. F. Gmel.) MacM.
- 1:130 *Lithospermum angustifolium* Michx. 31:12
 T: ad flumen Ohio.
 M: Pres les Rapides de l'Ohio.
Lithospermum incisum Lehm.
- 1:131 *Lithospermum latifolium* Michx. 31:13
 T: in umbrosis sylvis Kentucky.
 M: Bois umbrages de Kentucky.
- 1:131 *Pulmonaria parviflora* Michx. 31:14
 T: ad littoria mari ascendente inundata imi fluminis S. Laurentii.
 M: Malbaye.
Mertensia maritima (L.) S. F. Gray var. *maritima*
- 1:132 *Cynoglossum amplexicaule* Michx. 31:17
 T: in montibus Alleghanis.
 M: Haute Caroline, Kentucky, etc.
Cynoglossum virginianum L.

- 1:133 *Onosmodium molle* Michx. 31:18
 T: in Tennassée, circa Nashville.
 M: Nashville, lieux arides et pierreaux.
Onosmodium molle Michx. var. *molle*.
- 1:133 *Onosmodium hispidum* Michx. 31:19
Onosmodium virginianum (L.) A. DC. var. *virginianum*
- 1:134 *Hydrophyllum appendiculatum* Michx. 32:3
 T: in sylvis montanis Tennassée.
 M: Forêts de Cumberland et de Kentucky.
- 1:134 *Phacelia bipinnatifida* Michx. 32:4xy³
- 1:135 *Phacelia fimbriata* Michx. 32:4x⁴
 T: in excelsis montibus Carolinae.
 M: Lieux bas tres humides et riches au pied des montagnes apres avoir tourné a main droite pour aller de Th. Yong chez Davenport.
- 1:160 *Ampelopsis bipinnata* Michx. 32:5
Ampelopsis arborea (L.) Koene
- 1:159 *Ampelopsis cordata* Michx. 32:6
- 1:139 *Convolvulus obtusilobus* Michx. 32:18
 T: in littoribus arenosis Georgiae et Floridae.
 M: in littoribus arenosis Georgiae.
Ipomoea stolonifera (Cyrill.) J. F. Gmel.
- 1:136 *Convolvulus stans* Michx. 32:21
 T: juxta lacum Champlain, Canada.
 M: Lac Champlain.
Calystegia spithamea spp. *stans* (Michx.) Brummitt
- 1:137 *Convolvulus ciliolatus* Michx. 33:5
 T: circa urbem Knoxville, in Tennassée
 M: environs de Knoxville.
Ipomoea pandurata (L.) G. F. W. Mey.
- 1:141³ *Ipomoea macrorhiza* Michx. 33:14
- 1:141⁴ *Ipomopsis elegans* Michx. 33:18
Ipomopsis rubra (L.) Wherry
- 1:143 *Phlox triflora* Michx. 34:1
Phlox glaberrima ssp. *triflora* (Michx.) Wherry

^{3,4} On same sheet. "x" is on left side of sheet, "xy" is on right.

- 1:144 *Phlox aristata* Michx. 34:3
 var. α *virens* Michx.
 T: in Carolina, ad ripas amnis Santee.
 M: Riv. Santee, locis sabulosis
 Phlox pilosa L. var. *pilosa*
 var. β *canescens* Michx. 34:2
 T: in Tennassée, circa Knoxville.
 M: Knoxville
 Phlox pilosa L. var. *pilosa*
- 1:145 *Phlox reptans* Michx. 34:7
 T: in excelsis montibus Carolinae occidentalis.
 M: Lieux umbrages des hautes Montagnes Carolina
 septentrionalis.
 Phlox stolonifera Sims
- 1:143 *Phlox latifolia* Michx. 34:12
 T: in umbrosis humidis et solito sphagnosis sylvanum Carolinae.
 M: in umbrosis Carolinae.
 Phlox ovata L.
- 1:147 *Chironia chloroides* Michx. 35:11
 T: in Noveboraco et Nova Caesarea.
 M: New York, prairies.
 Sabatia dodecandra (L.) BSP
- 1:146 *Chironia paniculata* Michx. 35:7
 T: in Georgia et Carolina.
 M: Georgia.
 Sabatia quadrangula Wilbur
- 1:146 *Chironia gracilis* Michx. 35:9
 T: in Carolina inferiore.
 M: Carol.
 Sabatia campanulata (L.) Torr.
- 1:148 *Verbascum claytoni* Michx. 35:18
 T: in Carolina.
 M: rare in Caroline.
 Verbascum blattaria L.
- 1:149 *Physalis lanceolata* Michx. 35:21
 T: in Carolina.
 M: Carolina
 Physalis heterophylla var. *villosa* Waterfall
- 1:149 *Physalis obscura* Michx.
 var. α *glabra* Michx. 35:1 (a)
 Physalis pubescens var. *glabra* (Michx.) Waterfall
 var. β *viscido-pubescens* Michx. 35:1 (b)
 Physalis pubescens var. *grisea* Waterfall

1984]	Uttal — Michaux localities	25
1:150	<i>Azalea canescens</i> Michx. T: juxto rivolos Carolinae inferioris. M: Basse Caroline. <i>Rhododendron canescens</i> (Michx.) Sweet.	36:4
1:151	<i>Azalea periclymenoides</i> Michx. T: in New Jersey. M: New York. <i>Rhododendron nudiflorum</i> L.	36:9
1:151	<i>Azalea calendulacea</i> Michx. var. α <i>flammea</i> Michx. T: ad ripas fluvii Savannah loco dicto Two Sisters. M: Two Sisters. <i>Rhododendron flammeum</i> (Michx.) Sargent var. β <i>crocea</i> Michx. <i>Rhododendron calendulaceum</i> (Michx.) Torr.	36:13 36:15
1:152	<i>Pyxidanthera barbulata</i> Michx. T: in Carolina superiore. M: in sabulosis Carolina septentrionalis juxta Wilmington. <i>Pyxidanthera barbulata</i> Michx. var. <i>barbulata</i>	36:18
1:153	<i>Rhamnus franguloides</i> Michx. T: ad lacum Champlain. M: de Cumberland; Kentucky Lieux arides. <i>Rhamnus alnifolius</i> L'Her.	36:19
1:154	<i>Rhamnus minutiflorus</i> Michx. <i>Sargeretia minutiflora</i> (Michx.) Mohr (reported in text from North Carolina; it is apparently not in that state now. - auth.)	36:20
1:154	<i>Ceanothus microphyllus</i> Michx. T: in herbosis sabulosis sylvarum Georgiae et Floridae. M: le 16 Mars (1787 - auth.) Lieux arides vers Nord West river.	37:5
1:160	<i>Claytonia caroliniana</i> Michx.	37:17
1:162	<i>Hydrocotyle lineata</i> Michx. T: in inundatis Carolinae inferioris. Aprili et Maio floret. M: in salsis a mare inundatis Carolinae. <i>Lilaeopsis chinensis</i> (L.) Kuntze	38:21
1:163	<i>Eryngium ovalifolium</i> Michx. <i>Eryngium integrifolium</i> Walt.	38:5
1:164	<i>Eryngium yuccifolium</i> Michx. T: in paludosis Virginiae. M: in apricis sylvarum inter gramineas a Virginia ad Floridam.	38:7
1:164	<i>Daucus pusillus</i> Michx.	38:8

- T: in campestribus Carolinae.
M: in salbulosis Carolina.
- 1:164 *Ammi capillaceum* Michx. 38:9
T: in campestribus Carolinae.
M: in cultis Carolinae.
Ptilimnium capillaceum (Michx.) Raf.
- 1:165 *Selinium canadense* Michx. 38:10
T: ad ostium fluminis S. Laurentii.
M: in Canada juxta Tadoussack.
Conioselinum chinense (L.) BSP
- 1:166 *Heracleum lanatum* Michx. 38:11
T: in Canada.
M: Chicoutoume, Tadoussack.
- 1:166 *Ligusticum actaeifolium* Michx. 38:13
T: ad ripas fluminis S. Laurentii, juxta Tadoussack.
M: Tadoussack in Canada.
Ligusticum canadense (L.) Britt.
(Type locality out of range; specimen annotated by L. Constance, 1963 - auth.)
- 1:167 *Ligusticum barbinode* Michx. 38:14
Thaspium barbinode (Michx.) Nutt.
- 1:167 *Sium lineare* Michx. 38:15
Sium suave Walt.
- 1:167 *Angelica triquinata* Michx. 38:16
(Type locality (Canada) out of range - auth.)
- 1:168 *Sison pusillum* Michx. 38:17
Spermolepis divaricata (Walt.) Raf. ex Seringe
- 1:168 *Sison trifoliatum* Michx. 38:20
T: in Carolina superiore.
M: haute Caroline in Montosis.
Zizia trifoliata (Michx.) Fern
- 1:168 *Sison marginatum* Michx. 38:21
T: in udis Carolinae.
M: Caroline.
Oxypolis rigidior (L.) Raf.
- 1:170 *Myrrhis claytoni* Michx. 39:1
T: in montibus Alleghanis.
M: in Canada, Nova Anglia et in montibus Carolinae.
Osmorhiza claytoni (Michx.) Clarke
- 1:171 *Heuchera cortusa* Michx. 39:7
T: in in variis locis Pennsylvaniae, Carolinae, etc.

- frequentius in regione Illinoensis.
M: Illinoensi regiona Carolina etc.
Heuchera americana L. var. *americana*
- 1:172 *Heuchera villosa* Michx. 39:8
T: in altoribus montibus Carolinae borealis.
M: Tres hautes montagnes des Carol.
Heuchera villosa Michx. var. *villosa*
- 1:173 *Ulmus alata* Michx. 39:10
T: in Virginia et Carolina inferiore.
M: Kentucky endroits pierreux pres Beardstown (see amended gazetteer in introduction - auth.), Carolina Sept., Caroline Meridionale et environs de Richmond 1794 (the latter station underlined, suggesting it was collected there and is probably the actual type locality - auth.)
- 1:172 *Ulmus fulva* Michx. 39:14
T: in Canada, Vermont, Connecticut, montibus Alleganis, etc., frigid. Americae regionibus.
M: Baye d'Hudson Canada, haute Carolina, N. York, etc.
Ulmus rubra Muhl.
- 1:174 *Salsola platiphylla* Michx. 40:1
T: in regione Illinoensium, hue alluvientibus Mississippi aquis allata.
M: in regione Illinoensium.
Cycloma atriplicifolium (Spreng.) Coult.
- 1:177 *Gentiana acuta* Michx. 40:5
T: in altis montibus Carolinae et in Canada, prope Tadoussack.
M: Partie basse pres Tadoussack, Canada.
Gentiana amarella L.*
- 1:175 *Gentiana amerelloides* Michx. 40:6
T: in monticulis Kentucky.
M: Lieux arides sur Kentuckey river.
Gentiana quinquefolia L. var. *quinquefolia**
- 1:176 *Gentiana puberula* Michx.* 40:8
T: ad confluentum fluviorum Ohio et Mississippi, prope propringnaculum Cheroquis.
M: Fort Cheroquis ad ostium fluvii Ohio.
- 1:177 *Gentiana angustifolia* Michx. 40:9
T: in pratis Carolinae inferioris.
M: in herbosis Carolinae.
Gentiana autumnalis L.
- 1:177 *Hydrolea caroliniana* Michx. 40:10

- T: in aquis et montibus Carolinae inferioris.
M: in aquis Carolina.
Hydrolea quadrivalvis Walt.
- 1:178 *Viburnum lantanoides* Michx. 40:12
T: in rupestribus opacarum sylvarum Canadae.
M: des Cataractes de la Caroline Septentrionale sur les hautes
montagnes. Bois ombrages et bas vers ter Lac Champlain et
en Canada.
Viburnum alnifolium Marsh.*
- 1:180 *Viburnum molle* Michx. 40:13
T: in Kentucky, circa Danville.
M: in Kentucky, juxta Danville.
- 1:180 *Viburnum opulus*
var. α *europeanum* Michx.
var. β *pimina* Michx.
var. γ *edule* Michx.
T: in Canada
M: var. β Depuis Lac Champlain jusquan Lac St. Jean hautes
Montag. de Pensylv. hautes M de Caroline
(not found in Carolina - auth.)
Viburnum opulus var. *americanum* Ait.*
- 1:181 *Sambucus pubens* Michx.* 41:19
T: in altis montibus Pennsylvaniae, Canadae, Carolinae.
M: in Canada et in altis Montib. Allegani.
- 1:183 *Rhus toxicodendron* var. β *quercifolium* Michx. 42:1
T: in Carolina inferiore et Georgia.
M: Virginie et Carolines.
Rhus toxicodendron L.*
- Rhus toxicodendron* var. α *vulgare* Michx. 42:3
Rhus radicans var. *rydbergii* (Small) Rehder*
- Rhus toxicodendron* var. γ *microcarpon* Michx. 42:4
Rhus radicans L. var. *radicans**
- 1:182 *Rhus pumilum* Michx. 42:13
T: in Carolina superioris comitatu Mecklenbourg.
M: in montosis Carolina Burke comitatus Haute Carolina.
(this type locality is in error - auth.)
Rhus michauxii Sarg.
- 1:188 *Hypoxis caroliniensis* Michx. 43:21
Hypoxis hirsuta (L.) Coville
- 1:189 *Aletris alba* Michx. 44:2
Aletris farinosa L.

1984]	Uttal — Michaux localities	29
1:190	<i>Juncus melanocarpus</i> Michx. T: in montibus sinum Hudsonis inter et Canadam juxta lacum Cycmorum. M: hauteur des Terres Lac des Cygnes. <i>Luzula parviflora</i> (Ehrh.) Desv. var. <i>parviflora</i>	44:4
1:191	<i>Juncus repens</i> Michx. T: in Carolina et Georgia. M: in inundatis Carolinae, Georgiae. Mayo floret; Junio-Julio matureait.	44:5
1:192	<i>Juncus acuminatus</i> Michx. T: in Carolina inferiore. M: in Carolina, Georgia.	44:10
1:192	<i>Juncus aristulatus</i> Michx. <i>Juncus marginatus</i> Rostk. var. <i>marginatus</i>	44:11
1:191	<i>Juncus bicornis</i> Michx. T: in Georgia et Carolina. M: "Duplicata Georgia" <i>Juncus tenuis</i> Willd. var. <i>tenuis</i>	44:12
1:192	<i>Juncus polycephalus</i> Michx. <i>Juncus scirpoides</i> Lam.	44:13
1:195	<i>Allium mutabile</i> Michx. T: in Georgiae meridionalibus. Inuente Maio floret. M: in Carolina et in Georgia. <i>Allium canadense</i> L. var. <i>canadense</i>	45:4
1:197	<i>Lilium carolinianum</i> Michx. <i>Lilium michauxii</i> Poir.	45:16
1:199	<i>Uvularia puberula</i> Michx. T: in altissimus montibus Carolinae. M: Tres hautes Montagn. <i>Uvularia pudica</i> (Walt.) Fern.*	45:20
1:201	<i>Streptopus roseus</i> Michx. T: in excelsis montibus Carolinae septentrionalis et in Canada. M: in sylvis a sinu Hudsonis ad Quebec et in excelsis montib Carolinae. <i>Streptopus roseus</i> Michx. var. <i>roseus</i>	46:1
1:201	<i>Streptopus lanuginosus</i> Michx. T: in altis montibus Carolinae meridionalis. M: in excelsis montib Carolinae septentrionalis. <i>Disporum lanuginosum</i> (Michx.) Nichols.	46:3
1:202	<i>Convallaria umbellulata</i> Michx. T: in montibus Alleghanis.	46:16

- M: Vue dans les Montagnes du Pays des Indiens Cheroquis et celui de la Car. Sept.
Clintonia umbellulata (Michx.) Morong.
- 1:203 *Diphylleia cymosa* Michx. 47:2
- 1:206 *Cabomba aubleti* Michx. 47:7
 T: in aquosis Carolinae et Georgiae.
 M: in aquis Ogechee.
Cabomba caroliniana A. Gray var. *caroliniana*
- 1:206 *Chamaerops serrulata* Michx. 47:9
 T: in maritimis Georgiae-Floridaeque.
 M: environs de Sunbury en Georgiae at Savanah (entre Savanah et Sunbury).
Serenoa repens (Bartr.) Small
- 1:207 *Chamaerops acaulis* Michx. 47:13
 T: in Carolina et Georgia.
 M: Environs de Charleston Carolina.
Sabal minor (Jacq.) Pers.
- 1:208 *Triglochin triandrum* Michx. 47:15
 T: in inundatis circa Charlston.
 M: in salsis paludosis juxta Charleston.
Triglochin striatum R. & P.
- 1:209 *Nartheceum pubens* Michx. 47:17
 T: in Carolina inferiore circa Charlston.
 M: Basse Caroline pres Charleston.
Tofieldia racemosa (Walt.) BSP.
- 1:210 *Nartheceum glutinosum* Michx. 47:18
Tofieldia glutinosa (Michx.) Pers. var. *glutinosa*
- 1:209 *Nartheceum pusillum* Michx. 47:19
 T: ad lacus Mistassins.
 M: in sphagnosis a sinu Hudsonis ad Lacus Misstassinus.
Tofieldia palustris Huds.*
- 1:211 *Xerophyllum setifolium* Michx. 47:20
 T: none given
 M: Zinneville Mountain, haute montagne de la Caroline septentrionale a 30 miles de Morganton.
Xerophyllum asphodeloides (L.) Nutt.
- 1:212 *Helonias erythrosperma* Michx. 47:21
 T: in ubrosis rivulis Carolinae inferioris.
 M: dans les lieux boubeaux et ombrages Basse Carol.
Amianthium muscaetoxicum (Walt.) A. Gray
- 1:213 *Helonias dubia* Michx. 48:1
 T: in sabulosis Georgiae et Floridae.

- M: Floride.
Schoenocaulon dubium (Michx.) Small
- 1:212 *Helonias angustifolia* Michx. 48:2
 T: in herbosis et fruticetis sylvarum humidis Carolinae inferioris.
 M: Lieux plus elevés et moins humides Basse Caroline.
Zigadenus densus (Desr.) Fern.
- 1:214 *Zigadenus glaberrimus* Michx. 48:3
 T: in herbosis, humidis, Carolinae inferioris.
 M: in Carolina.
- 1:215 *Trillium rhomboideum* Michx. 48:5
 var. α *atropurpureum* Michx.
 T: in excelsis montibus Carolinae.
 M: hautes Montagnes des Carolines.
Trillium erectum L.
Trillium rhomboideum var. β *album* Michx. 48:10
Trillium erectum L.
- 1:216 *Trillium rhomboideum* var. γ *grandiflorum* Michx. 48:9
Trillium grandiflorum (Michx.) Salisb.
- 1:215 *Trillium pusillum* Michx. 48:11
 T: in pinetis Carolinae inferioris.
 M: Basse Caroline environ 35 m de Charleston, Gaillard Road.
- 1:217 *Rumex crispatus* Michx. 48:16
Rumex obtusifolius L. var. *obtusifolius*
- 1:219 *Aesculus lutea* Michx. 49:2
Aesculus octandra Marsh.*
- 1:220 *Aesculus macrostachya* Michx. 49:5
Aesculus pavia L. var. *pavia*
- 1:222 *Rhexia glabella* Michx. 49:7
Rhexia alifanus Walt.
- 1:221 *Rhexia ciliosa* Michx. 49:9
Rhexia petiolata Walt.
- 1:221 *Rhexia mariana*, var. γ *exalbida* Michx. 40:11
 T: none given
 M: Carolines.
Rhexia mariana var. *exalbida* Michx.*
- 1:221 *Rhexia mariana* var. β *rubella* Michx. 49:12
 T: none given
 M: Carolines.
Rhexia mariana L. var. *mariana*

- 1:221 *Rhexia mariana* var. α *purpurea* Michx. 49:14
Rhexia mariana var. *purpurea* Michx.*
- 1:223 *Epilobium oliganthum* Michx. 49:17
 T: ad sinum Hudsonis et lacus Mistassins.
 M: env. de Mistassin.
Epilobium palustre L.
- 1:224 *Oenothera chrysantha* Michx. 49:21
 T: a Quebec usque ad sinum Hudsonis.
 M: Quebec.
Oenothera parviflora L.
- 1:225 *Oenothera pusilla* Michx. 50:1
 T: in rupibus, ad lacus Mistassins.
 M: Lacs Mistassins.
Oenothera parviflora L.
- 1:225 *Oenothera linearis* Michx. 50:3
Oenothera fruticosa L. subsp. *fruticosa*
- 1:225 *Oenothera hybrida* Michx. 50:7
 T: in Carolina superiore.
 M: Caroline.
Oenothera fruticosa L. subsp. *fruticosa*
- 1:224 *Oenothera glauca* Michx. 50:8
 T: in sylvis remotis et occidentalibus flumini Mississippi
 confinibus, versus regionem Illinoensium.
 M: Ouest de l'Ohio Route aux Illinois.
Oenothera fruticosa subsp. *glauca* (Michx.) Straley
- 1:226 *Gaura angustifolia* Michx. 51:2
 T: in Carolina inferiore.
 M: Caroline.
- 1:232 *Vaccinium galezans* Michx. 51:4
 T: in umbrosis Carolinae.
 M: in Carolina.
Vaccinium tenellum Ait.
- 1:234 *Vaccinium myrtilloides* Michx. 51:12
 T: a Canada ad sinum Hudsonis.
 M: Lacs Mistassins hauteur des Terres.
- 1:231 *Vaccinium disomorphum* Michx. 51:19
 T: none given
 M: Environs de Philade (Philadelphia - auth.)
Vaccinium corymbosum L.
- 1:227 *Vaccinium erythrocarpum* Michx. 52:16
 T: in altis montibus Carolinae Septentrionalis.
 M: Hautes montagnes de la Carol. Sept.

- 1:234 *Vaccinium brachycerum* Michx. 52:10
 T: in Virginia, circa Winchester.
 M: in Virginia Warm Spring. (see introduction - auth.)
Gaylussacia brachycera (Michx.) A. Gray
- 1:229 *Vaccinium myrtifolium* Michx. 52:13
 T: in Carolina.
 M: avant d'arriver a Wilmington sables arides.
Vaccinium crassifolium Andr.
- 1:234 *Vaccinium caespitosum* Michx. 52:14
 T: in borealibus Americae, praesertim circa sinum Hudsonis.
 M: au Lacs Mistassins.
- 1:235 *Menziesia smithi* Michx. 53:7
Menziesia pilosa (Michx. ex Lam.) Juss. ex Pers.
- 1:237 *Jeffersonia bartonis* Michx. 53:10
Jeffersonia diphylla (L.) Pers.
- 1:237 *Polygonum ramosissimum* Michx. 53:12a
 T: in regione Illinoensi.
 M: Illinois, Kaskaskia.
Polygonum ramosissimum Michx. var. *ramosissimum*
- 1:238 *Polygonum tenue* Michx. 53:14
 T: in Canada.
 M: in Canada et Nova Caesarea ad Snake Hill in pratensib
 Illinoensum.
- 1:241 *Polygonum clinode* Michx. 53:17
 T: in Canada.
 M: in Canada Malbaye, Tadoussack, Riv. Sagney, etc.
- 1:242 *Polygonum hydropiperoides* Michx. 53:18
 T: in Pennsylvania, Virginia, Carolina.
 M: Kentucky. fleurit au commencement de Juill. 1794.
- 1:243 *Laurus diospyroides* Michx. 55:1
 T: none given
 M: en Fleurs le 25 Mars (I have not been able to relate
 this date to a locality in Michaux's journal - auth.).
Lindera melissaefolium (Walt.) Blume
- 1:243 *Laurus pseudo-benzoin* Michx. 55:4
 T: juxta rivulos et in udis, a Canada ad Floridam.
 M: Pres d'Alexandrie en Virginie.
Lindera benzoin (L.) Blume
- 1:246 *Eriogonum tomentosum* Michx.
- 1:248 *Pleea tenuifolia* Michx.

- 1:256 *Andromeda speciosa*
 var. α *nitida* Michx. 57:18
 var. β *pulverulenta* Michx. 57:18
 Leucothoe racemosa (L.) A. Gray
- 1:257 *Kalmia cuneata* Michx. 58:20
 T: in Carolina.
 M: pres Cambden.
- 1:258 *Rhododendron minus* Michx. 59:5
 T: in montibus Carolinae superioris et versus originem
 amnis Savannah.
 M: Hautes Montagnes de la Carol. Septentrionale. Aux
 sources de la Rivierre Savanah.
- 1:258 *Rhododendron catawbiense* Michx. 59:6
 T: in montibus excelsis Carolinae septentrionalis juxta
 originem amnis Catawba.
 M: Au sommet des hautes montagnes de la Caroline Septentrionale.
- 1:260 *Clethra acuminata* Michx. 59:18
 T: in excelsis montibus Carolinae.
 M: Hautes montagnes de Carol.
- 1:262 *Cassia fasciculata* Michx.
 T: in Pennsylvania et Virginia
 M: in Pennsylvania et Virginia et Carolina.
 Cassia fasciculata Michx. var. *fasciculata*
- 1:263 *Podalyria uniflora* Michx. 60:9
 T: in Carolina et Georgia.
 M: Route de Sunbury a Alatomah le 7 May (1787 - auth.)
 Baptisia lanceolata (Walt.) Ell.
- 1:264 *Podalyria mollis* Michx. 61:2
 T: in comitatu Mecklenburg Caroline Superiore.
 M: Entre Burke et Lincoln.
 Thermopsis mollis (Michx.) M. A. Curtis ex A. Gray var. *mollis*
- 1:264 *Podalyria coerulea* Michx. 60:22
 T: in sabulosis inundatis fluminis Ohio.
 M: Isles Bahama.
 Baptisia australis (L.) R. Br. var. *australis*
 (This taxon does not occur in the Bahama Islands but it does
 in the Ohio Valley. Michaux's localization is inexplicit
 to me at present - auth.)
- 1:266 *Monotropa lanuginosa* Michx. 61:4
 Monotropa hypopitys L.*
- 1:266 *Monotropa morrisoniana* Michx. 61:7
 Monotropa uniflora L.

- 1:269 *Saxifraga virginensis* Michx. 61:8
 T: in rupibus Pennsylvaniae, Virginiae et in montibus Carolinae.
 M: Haute Caroline et in rupib. Virginiae Pennsylvaniae ad Schuykill.
Saxifraga virginensis Michx. var. *virginensis*
- 1:270 *Mitella prostrata* Michx. 61:19
 T: ad fines meridionales Canadae.
 M: Lac Champlain.
Mitella nuda L.
- 1:267 *Jussiaea grandiflora* Michx. 61:9
Ludwigia peploides var. *glabrescens* (Kuntze) Shinnners*
- 1:268 *Hydrangea nivea* Michx. 61:11
Hydrangea arborescens ssp. *radiata* (Walt.) McClintock
- 1:268 *Hydrangea vulgaris* Michx. 61:12
Hydrangea arborescens L. var. *arborescens*
- 1:272 *Silene pensylvanica* Michx. 62:6
 T: in Pennsylvania.
 M: Plus rare dans la Basse Caroline.
Silene caroliniana Walt.*
- 1:273 *Stellaria pubera* Michx. 62:10
 T: in montibus sylvaticis Carolinae septentrionalis.
 M: Hautes montagnes des Carolines.
- 1:274 *Arenaria glabra* Michx. 62:11
 T: in rupibus Carolinae septentrionalis.
 M: Rochers des h. Montag. de la Am. Sept.
Arenaria groenlandica var. *glabra* (Michx.) Fern.*
- 1:273 *Arenaria squarrosa* Michx. 62:13
 T: in sabulosis, pinetis Carolinae, juxta amnem Santee.
 M: Sables arides high hills Santee.
Arenaria caroliniana Walt.*
- 1:274 *Arenaria stricta* Michx. 62:15
 T: in rupibus Novae Angliae, Canada.
 M: Lac Champlain et Canada sur les Rochers Etat de N. York
 pres Albany. *Arenaria stricta* Michx. var. *stricta**
- 1:276 *Spergulastrum gramineum* Michx. 62:17
Stellaria longifolia Muhl. ex Willd.
- 1:275 *Spergulastrum lanceolatum* Michx. 62:18
 T: in borealibus Americae septentrionalis.
 M: Riv. Sagney.
Stellaria calycantha (Ledeb.) Bong.
- 1:275 *Spergulastrum lanuginosum* Michx. 62:21

- T: in meridionalibus Amercae septentrionalis.
M: Georgia 1790 #7 du Voyage en Georgia Insula Cumberland,
Georgia americana.
Arenaria lanuginosa (Michx.) Rohrb. ssp. *lanuginosa*
- 1:277 *Sedum ternatum* Michx. 63:1
T: in rupibus altissimus Americae septentrionalis.
M: hautes montagnes des Carolines et de Virginie.
- 1:277 *Sedum telephioides* Michx. 63:2
- 1:277 *Sedum pulchellum* Michx. 63:3
T: in rupibus, circa Knoxville.
M: Western Territories on the Rocks.
- 1:276 *Sedum pusillum* Michx. 63:4
T: in Carolina septentrionali, loco dicto Flat-rock.
M: Flat Rock (Kershaw County, South Carolina, not Henderson
County, North Carolina - auth.)
- 1:279 *Asarum arifolium* Michx. 63:10
T: in umbrosis sylvis Carolinae inferioris.
M: Caroline.
Hexastylis arifolia (Michx.) Small*
- 1:280 *Befaria paniculata* Michx. 63:11
T: in Florida arenosis.
M: Partie meridionale de la Georgie et Floride.
Befaria racemosa Vent.
- 1:282 *Decumaria forsythia* Michx. 63:21
Decumaria barbara L.
- 1:283 *Chrysobalanus oblongifolius* Michx. * 64:3
T: in sabulosis sylvarum Georgiae et Floridae.
M: ad Fluvium Ste. Mary in Georgia.
- 1:286 *Cerasus borealis* Michx. 64:6
Prunus pensylvanica L.f.
- 1:284 *Prunus chickasa* Michx. 64:9
Prunus angustifolia Marsh.
- 1:284 *Prunus sphaerocarpa* Michx. 64:10
T: in maritimis Novae Angliae.
M: in maritimus Nova Caesarea.
Prunus maritima Marsh.
- 1:284 *Prunus hiemalis* Michx. 64:12
Prunus americana Marsh. var. *americana*
- 1:285 *Cerasus virginiana* Michx. 64:13
var. α *virginiana*

var. β *humilior* Michx.

Prunus serotina Ehrh. var. *serotina*

1:284 *Prunus acuminata* Michx.

T: in Virginia.

M: none given

Prunus maritima Marsh. (occasional reports of this species from Virginia have not been verified - auth.)

1:287 *Agrimonia striata* Michx.

64:20

T: in Canada

M: Chicoutoumé

1:287 *Crataegus apiifolia* Michx.

65:1

T: in humidis sylvarum Carolinae.

M: des swamps de la Basse Caroline.

Crataegus marshallii Eggl.

1:288 *Crataegus spathulata* Michx.

65:4

T: in Carolina utruque et Virginia.

M: haute Caroline.

1:292 *Mespilus arbutifolia* (L.) Michx. var. *melanocarpa* Michx.

65:20

T: in Canada, a sinu Hudsonis ad Virginiam et in Montis altis Carolinae.

M: Tres hautes Montagnes de la Caroline septentrionale et Canada; aussi Connecticut, Boston, etc.

Aronia melanocarpa (Michx.) Ell.

1:291 *Mespilus canadensis* var. α *obovalis* Michx.

65:21

T: Carolina inferiore.

M: Carolines.

Amelanchier obovalis (Michx.) Ashe

1:291 *Mespilus canadensis* var. δ *oligocarpa* Michx.

66:1

Amelanchier bartramiana (Tausch) Roemer

1:291 *Mespilus canadensis* var. β *cordata* Michx.

66:2

T: a Canada ad Virginiam et in montibus Carolinae.

M: a Canada ad Virginiam et in montibus Carolinae haute et basse Caroline. Rare dans la basse Caroline.

Amelanchier arborea (Michx. f.) Fern.

1:291 *Mespilus canadensis* var. γ *rotundifolia* Michx.

66:3

T: in Canada.

M: Lac Champlain, Lac Mistassin.

Amelanchier canadensis (L.) Medic.

1:295 *Rosa setigera* Michx.

67:5

T: in Carolina inferiore.

M: Illinois, Kentucky, Georgia.

Rosa setigera Michx. var. *setigera*

- 1:295 *Rosa laevigata* Michx. 67:6
- 1:296 *Rosa pensylvanica* Michx. 67:8
 T: in paludosis Pensylvaniae et Novae Angliae.
 M: a Nova Anglia ad Pensylvania.
Rosa virginiana Mill.
- 1:298 *Rubus obovalis* Michx. 67:12
Rubus hispidus L.*
- 1:298 *Rubus acaulis* Michx.* 67:14
 T: in sphagnosis sinui Hudsonis adjacentibus.
 M: in sphagnosis juxta sinum Hudsonis.
- 1:297 *Rubus strigosus* Michx. 67:15
 T: in montibus Pensylvaniae et in Canada.
 M: des Pensylvanie Etat de New York Canada.
Rubus strigosus Michx. var. *strigosus*
- 1:296 *Rubus trivialis* Michx. 67:20
 T: in Carolina et Pensylvania.
 M: Haute et basse Carolines.
- 1:300 *Dalibarda fragaroides* Michx. 67:21
 T: none given
 M: au nord au pres de l-Etang a un demiquart de mile de Knoxville (Tennessee juxta Knoxville).
Waldsteinia fragaroides (Michx.) Tratt.
- 1:299 *Dalibarda violaeoides* Michx. 68:1
Dalibarda repens L.
- 1:300 *Geum geniculatum* Michx. 68:3
 T: in Canada (M: also). Locality incorrect; restricted to high mountains of North Carolina and Tennessee - auth.)
- 1:300 *Geum radiatum* Michx. 68:5
 T: in excelsis Carolinae montibus.
 M: Sommet de Roun Mountain.
 (A. Gray is sometimes incorrectly given as the author of this species. Topotypes are frequent in collections - auth.)
- 1:303 *Potentilla hirsuta* Michx. 68:13
 T: in Canada, a Quebec ad ostium fluminis S. Laurentii.
 M: Malbaye in Canada, Tadoussack in Canada a Quebec ad ostium fluminis St. Laurentii.
Potentilla norvegica L.
- 1:303 *Potentilla simplex* Michx. 68:17
 T: in Canada, Pensylvania, et Carolina.
 M: Montagnes de Pensylvanae, Virginiae, etc.

Potentilla simplex Michx. var. *simplex*

- 1:305 *Calycanthus ferax* Michx. 69:5

T: in altis montibus Carolinae et Virginiae.

M: Montagnes de Caroline.

Calycanthus floridus var. *laevigatus* (Willd.) T & G

- 1:306 *Tilia canadensis* Michx. 69:8
Tilia americana L.

- 1:306 *Tilia laxiflora* Michx. 69:12

T: in maritimis Carolinae, Virginiae.

M: Tilleul de Caroline.

Tilia caroliniana Mill.

- 1:307 *Helianthemum ramuliflorum* Michx. 69:19

T: in Georgia et Carolina.

M: "Yard in Cels." (Charleston ? - auth.)

Helianthemum canadense (L.) Michx.

- 1:307 *Helianthemum corymbosum* Michx. 69:20

T: in maritimis Carolinae et Georgiae.

M: Caroline.

- 1:309 *Chelidonium diphyllum* Michx. 70:5

Stylophorum diphyllum (Michx.) Nutt.

- 1:310 *Sarracenia variolis* Michx. 70:14

Sarracenia minor Walt.

- 1:311 *Sarracenia psittacina* Michx. 70:16

Sarracenia psittacina Michx.

- 1:312 *Nymphaea longifolia* Michx. 70:20

T: in amnibus Carolinae Sept. et Merid.

M: Black River, Yadkin and Santee Rivers Carolines

Nuphar luteum ssp. *sagittifolium* (Walt.) Beal

- 1:314 *Delphinium tridactylum* Michx. 71:5

T: in montibus Virginiae et Carolinae.

M: Montagnes de Virginie et de Caroline.

Delphinium exaltatum Ait.

- 1:314 *Delphinium tricornis* Michx. 71:6

T: in altissimis montibus Carolinae.

M: Tres hautes Mont.

- 1:314 *Delphinium azureum* Michx.
Delphinium carolinianum Walt.

- 1:319 *Anemone parviflora* Michx. 71:17

T: ad amnes in sinum Hudsonis defluentes.

M: Rivierre des Goelands.

- 1:320 *Anemone aconitifolia* Michx. 71:20
 T: in Canada et Nova Anglia.
 M: Fleuve St. Laurent, Connecticut.
Anemone canadensis L.
- 1:320 *Ranunculus filiformis* Michx. 72:3
 T: ad ripas fluminis S. Laurentii et sinum Hunsonis.
 M: ad ripas fluminis Hudson, St. Laurent, rives dur Lac Mistassin.
Ranunculus flammula var. *filiformis* (Michx.) DC.
- 1:321 *Ranunculus hispidus* Michx. 72:4
 T: in umbrosis sylvis Carolinae inferioris.
 M: in humides Virginiae Carolinae.
Ranunculus hispidus Michx. var. *hispidus*
- 1:322 *Thalictrum anemenoides* Michx. 72:5
 T: a Canada ad Virginianum.
 M: Depuis le Canada jusque en Caroline en suivant la chaine des Mos.
Thalictrum thalictroides (L.) Eames & Boiv.
- 1:322 *Thalictrum laevigatum* Michx. 72:7
Thalictrum dioicum L.
- 1:316 *Cimifuga americana* Michx. 70:3
- 1:316 *Cimifuga palmata* Michx. 70:4
Trautvettaria carolinensis (Walt.) Vail var. *carolinensis*
- 1:326 *Illicium parviflorum* Michx. 73:2
- 1:327 *Magnolia macrophylla* Michx. 73:11
- 1:330 *Orchidocarpum grandiflorum* Michx. 73:20
 T: in Georgia et Florida.
 M: Georgie.
Asimina speciosa Nash*
- 1:329 *Orchidocarpum parviflorum* Michx. 73:21
Asimina parviflora (Michx.) Dunal
- 1:329 *Orchidocarpum arientinum* Michx. 74:1
 T: a Virginia ad Floridam, juxta inundatus amnium ripas.
 M: Pennsylvania Virginie Carolines Ohio et Misissippi (river - auth.)
Asimina triloba (L.) Dunal

MICHAUX VOL. II

- 2:2 *Mentha tenuis* Michx. 74:15
Mentha spicata L.
- 2:2 *Mentha borealis* Michx. 74:16
 T: juxta manes ad sinum Hudsonis defluentes.

- M: 48 deg de latitude. Hauteur des Terres lieux tres humides.
Mentha arvensis var. *glabrata* (Benth.) Fern.
- 2:4 *Isanthus coeruleus* Michx. 74:18
 T: in cretaceis Virginiae, Carolinae, Kentucky.
 M: Kentucky.
Isanthus brachiatus (L.) BSP var. *brachiatus**
- 2:4 *Lamium hispidulum* Michx. 74:19
 T: in sylvis Tennassée apacis.
 M: Kentucky et forêts humides de Tennessee.
Synandra hispidula (Michx.) Britt.
- 2:4 *Stachys hyssopifolia* Michx. 74:20
Stachys hyssopifolia Michx. var. *hyssopifolia*
- 2:5 *Stachys aspera* Michx. 75:4
- 2:6 *Brachystemum verticillatum* Michx. 75:6
 T: in montibus Pensylvaniae, adusque Carolinam superiorem.
 M: Carolines, Pittsburgh (Pa. - auth.)
Pycnanthemum verticillatum (Michx.) Pers.
- 2:6 *Brachystemum muticum* Michx. 75:9
Pycnanthemum muticum (Michx.) Pers.
- 2:8 *Pycnanthemum aristatum* Michx. 75:20
 T: a Marylandia ad Carolinam superiorem.
 M: Carolina.
Pycnanthemum setosum Nutt.
- 2:8 *Pycnanthemum montanum* Michx. 76:1
 T: in altis montibus Carolinae.
 M: hautes Montagnes.
- 2:8 *Pycnanthemum monardella* Michx. 76:2
 T: in altis montibus Carolinae.
 M: in excelsis montibus Carolina Septentrionalis.
Monarda clinopodia L.
- 2:9 *Thymus carolinanus* Michx. 76:8
Satureja georgiana (Harper) Ahles
- 2:11 *Scutellaria parvula* Michx. 76:17
 T: in regione Illinoensis et Canada.
 M: Montreal - Illinois.
- 2:11 *Scutellaria pilosa* Michx. 76:19
Scutellaria elliptica Muhl. var. *elliptica*
- 2:13 *Verbena bracteosa* Michx. 76:19
 T: in regione Illinoensi et in urbe Nash-ville.
 M: Nashville sur Tennassée, St. Vincent, Kaskaskia, etc.
Verbena bracteata Lag. & Rodr.

- 2:14 *Verbena rigens* Michx. 77:17
 T: in regione Illinoensi.
 M: Kaskaski, Illinois.
- 2:11 *Scutellaria pilosa* Michx. 76:19
Scutellaria elliptica Muhl. var. *elliptica*
- 2:13 *Verbena bracteosa* Michx. 77:17
 T: in regione Illinoensi et in urbe Nash-ville.
 M: Nashville sur Tennassée, St. Vincent, Kaskaskia, etc.
Verbena bracteata Lag. & Rodr.
- 2:14 *Verbena rigens* Michx. 77:17
 T: in regione Illinoensi.
 M: Kaskaski, Illinois.
Verbena stricta Vent.
- 2:14 *Verbena angustifolia* Michx. 77:13
 T: in Tennessee et in comitatu Carlisle Pennsylvaniae.
 M: Cumberland et haute Pennsylvaniae & western Territories.
Verbena simplex Lehm.
- 2:16 *Melampyrum americanum* Michx. 77:21
 T: a sinu Hudsonis ad montosum Carolinam.
 M: Canada (Tadoussack-auth., from isotypes). Hautes
 montagnes de Caroline.
Melampyrum lineare var. *americanum* (Michx.) Beauv.
- 2:18 *Pedicularis gladiata* Michx. 78:9
Pedicularis canadensis L.
- 2:19 *Pedicularis lanceolata* Michx. 78:10
- 2:20 *Gerardia auriculata* Michx. 78:10
- 2:20 *Gerardia auriculata* Michx. 78:16
 T: in pratis regionis Illinoensis.
 M: Prairies des Illinois & du Misissipi.
Tomanthera auriculata (Michx.) Raf.
- 2:20 *Gerardia afzelia* Michx. 78:17
 T: in sabuletis aridis Carolinae.
 M: Basse Caroline.
Seymeria cassioides (Walt. ex J. F. Gmel.) Blake
- 2:22 *Capraria multifida* Michx. 79:7
 T: in ripis arenosis fluminum amniculorumque in Tennassée
 et Illinoensi regione.
 M: Illinois, Kentucky.
Leucospora multifida (Michx.) Nutt.
- 2:22 *Monniera cuneifolia* Michx. 79:8
 T: in locis mari inundatis Carolinae inferiores.

- M: Lieux aquatig inondés par la Mer pres Charleston.
Bacopa monnieri (L.) Wettst.
- 2:22 *Monniera rotundifolia* Michx. 79:9
Bacopa rotundifolia (Michx.) Wettst.
- 2:22 *Monniera amplexicaulis* Michx. 79:10
T: in fossis, stagnis Carolinae.
M: in stagnis Carolinae.
Bacopa carolina (Walt.) Robins.
- 2:23 *Ruellia humistrata* Michx. 79:17
T: ad fines Georgiae et Floridae.
M: sur la rivierre Ste. Marie en Georgie.
Ruellia caroliniensis (Walt. ex J. F. Gmel.) Stued,
var. *caroliniensis*
- 2:23 *Ruellia oblongifolia* Michx. 79:16
T: in Georgia.
M: Georgie, le 27 Avril (1787 - auth.)
Dyschoriste oblongifolia (Michx.) Kuntze
- 2:27 *Cochlearis humifusa* Michx. 80:12
Coronopus didymus (L.) J. E. Sm.
- 2:28 *Draba arabisans* Michx. 80:15
T: in rupibus ripariis ad lacum Champlain et in Nova Anglia.
M: Rochers du Lac Champlain.
- 2:28 *Draba hispidula* Michx. 80:16
Draba reptans (Lam.) Fern. var. *reptans*
- 2:30 *Cardamine rotundifolia* Michx. 80:17
T: in rivulis altissimosum montium Carolinae.
M: Tres hautes montagnes - Ruisseaux.
- 2:29 *Cardamine uniflora* Michx. 80:18
T: in rupibus circa Knoxville.
M: Rochers environs Knoxville.
Leavenworthia uniflora (Michx.) Britt.
- 2:29 *Cardamine spathulata* Michx. 80:19
T: in excelsis montibus Carolinae.
M: Hautes Mont
Arabis lyrata L. var. *lyrata*
- 2:29 *Cardamine teres* Michx. 80:20
T: in Nova Anglia.
M: Etat de Vermont Lac Champlain.
Rorippa teres (Michx.) Stuckey var. *teres*
(A mistake in type locality; limited to southeastern
coastal plain of U.S.; another variety in southwestern
U.S. - auth.)

- 2:20 *Dentaria diphylla* Michx. 81:1
 T: in sylvis vastis Tennassée et montibus altissimus Carolinae.
 M: New York et Hautes Mont.
Cardamine diphylla (Michx.) Wood
- 2:30 *Dentaria concatenata* Michx. 81:2
Cardamine concatenata (Michx.) O. Schw.
- 2:31 *Hesperis pinnatifida* Michx. 81:4
 T: in humidis sylvanum Tennassée.
 M: Lieux tres humides fôrets de Tennessée.
Iodanthus pinnatifidus (Michx.) Steud.
- 2:31 *Arabis falcata* Michx. 81:9
 T: in rupestibus Canadae et Novae Angliae ad Virginianum.
 M: Connecticut, Etat de Vermont, Lac Champlain.
Arabis canadensis L.
- 2:33 *Sisyrinchium mucronatum* Michx. 81:13
 T: Pensylvania.
 M: Mistassin - in Penslvania.
- 2:40 *Halesia parviflora* Michx. 82:14
 T: in Florida, circa Matança.
 M: Floride.
- 2:41 *Styrax pulverulentum* Michx. 82:19
Styrax americana Lam.
- 2:43 *Malachodendron ovatum* Michx.
 T: in montosis a mare remotis Caroline.
 M: Haute Caroline Catawba river.
Stewartia malacodendron L.
- 2:44 *Sida alcaeoides* Michx. 84:9
 T: in glareosis Kentucky & Tennessée.
 M: Barren Oaks endica de Big Barren River Kentucky.
Callirhoe alcaeoides (Michx.) A. Gray
- 2:46 *Hibiscus grandiflorus* Michx. 84:6
 T: in maritimis Georgiae et Floridae et in regione Natchez ad Mississippi.
 M: Lieux maritimes.
- 2:45 *Hibiscus hastatus* Michx. 84:17
 T: ad ripas fluviorum Ohio, Mississippi et amnium Carolinae.
 M: Sur les Isles et les rives de la Rivierre Santee in Carolinae de Juillet 1790.
Hibiscus militaris Cav.*
- 2:50 *Petalostemum violaceum* Michx. 84:20
Petalostemum purpureum (Vent.) Rydb.*

- 2:49 *Petalostemum carneum* Michx. * 84:19
 T: in Georgia et Florida.
 M: Lieux humides prest MidWest riv. en Floride.
- 2:51 *Fumaria recta* Michx. 85:2
 T: ad fines Canadae et in montibus Pensylvaniae.
 M: Montagnes pres Lasingburgh.
Adlumia fungosa (Ait.) Greene
- 2:52 *Polygala setacea* Michx. 85:5
 T: in Carolina septentrionali.
 M: Same as text. (The species is presently unknown in North Carolina; it is confined to the coastal plain from Georgia to Mississippi - auth.)
- 2:54 *Polygala corymbosa* Michx. 85:6
Polygala cymosa Walt.
- 2:53 *Polygala uniflora* Michx. 85:16
Polygala paucifolia Willd.
- 2:57 *Dalea linnaei* Michx. 86:1
 T: none given
 M: Kaskaskia.
Dalea alopecuroides Willd.*
- 2:58 *Psoralea lupinellus* Michx. 86:3
 T: in Carolinae locis arides.
 M: Carolines.
- 2:57 *Psoralea canescens* Michx. 86:4
- 2:58 *Psoralea melilotoides* Michx. 86:5
Psoralea psoralioides (Walt.) Cronq. var. *psoralioides*
- 2:58 *Trifolium carolinianum* Michx. 86:10
- 2:60 *Phaseolus trilobus* Michx. 86:14
 T: in Carolina
 M: (locality ms. faded; illegible - auth.)
Strophostyles helveola (L.) Ell.
- 2:62 *Galactia glabella* Mich. 86:21
 T: in Carolina et Georgia.
 M: Carolina.
Galactia volubilis (L.) Britt. var. *volubilis*
- 2:64 *Amorpha pumila* Michx. 87:8
Amorpha herbacea Walt.
- 2:66 *Astragalus glaber* Michx. 88:12
 T: in sabulosis arides Georgiae.
 M: Georgie lieux arides.
Astragalus michauxii (Luntze) Hermann

- 2:67 *Astragalus villosus* Michx. 88:14
- 2:67 *Galega villosa* Michx. 88:19
 T: a Carolina ad Floridam.
 M: Caroline et Floride.
Tephrosia spicata (Walt.) T. & G.
- 2:68 *Galega hispidula* Michx. 89:1
Tephrosia hispidula (Michx.) Pers.
- 2:69 *Vicia parviflora* Michx. 89:10
 T: in montibus altis Carolinae et Virginiae.
 M: Montagnes de l'Am. sept.
Vicia caroliniana Walt.
- 2:70 *Lespedeza sessiliflora* Michx. 89:13
Lespedeza virginica (L.) Britt.
- 2:71 *Lespedeza polystachya* Michx. 89:14
Lespedeza hirta (L.) Hornem. ssp. *hirta*
- 2:71 *Lespedeza capitata* Michx. 89:1a
- 2:71 *Lespedeza procumbens* Michx. 89:20
- 2:74 *Hedysarum alpinum* var. *americanum* Michx.* 90:4
 T: in borealibus Canadae et in calaractis montium Alleghanis
 (not found in the Alleghany Mountains - auth.)
 M: Lac St. Jean et Mistassins.
- 2:73 *Hedysarum bracteosum* Michx. 90:6
Desmodium cuspidatum (Muhl. ex Willd.) DC ex Loudon var.
cuspidatum
- 2:73 *Hedysarum glabellum* Michx. 90:7
 T: in Carolina inferiore
 M: Dans herbois Basse Caroline
Desmodium glabellum (Michx.) DC.
- 2:72 *Hedysarum acuminatum* Michx. 90:8
Desmodium cuspidatum (Muhl. ex Willd.) DC ex Loudon var.
cuspidatum
- 2:74 *Aeschynomene viscidula* Michx. 90:21
- 2:75 *Stylosanthes hispida* Michx. 91:1
 T: in Virginia et Carolina.
 M: Georgie.
Stylosanthes biflora (L.) BSP var. *biflora*
- 2:76 *Zornia tetraphylla* Michx. 91:2
Zornia bracteata Walt. ex J. F. Gmel.
- 2:77 *Ascyrum amplexicaule* Michx. 91:8
Hypericum crux-andreae (L.) Crantz*

- 2:77 *Ascyrum stans* Michx. 91:9
Hypericum crux-andreae (L.) Crantz*
- 2:77 *Ascyrum multicaule* Michx. 91:10
Hypericum stragalum P. Adams & Robson*
- 2:77 *Ascyrum pumilum* Michx. 91:11
Hypericum suffruticosum P. Adams & Robson
- 2:78 *Hypericum nudiflorum* Michx. 91:13
T: in Carolina.
M: Goose Creek & Garet Place.
Hypericum cistifolium Lam.
- 2:78 *Hypericum sphaerocarpum* Michx. 91:15
T: in Kentucky.
M: Route de Louisville.
Hypericum sphaerocarpum Michx. var. *sphaerocarpum*
- 2:81 *Hypericum frondosum* Michx. 91:16
- 2:82 *Hypericum macrocarpon* Michx. 91:18
T: in Canada, circa Montreal.
M: Montreal.
Hypericum pyramidatum Ait.
- 2:78 *Hypericum glaucum* Michx. 91:21
Hypericum myrtifolium Lam.
- 2:79 *Hypericum sarothra* Michx. 92:2
Hypericum gentianoides (L.) BSP.
- 2:81 *Hypericum axillare* Michx. 92:3
Hypericum galioides Lam. var. *galioides*
- 2:78 *Hypericum angulosum* Michx. 92:6
T: in paludosis Carolinae.
M: in humides Carolina ad Floridam.
Hypericum denticulatum Walt. var. *denticulatum*
- 2:84 *Prenanthes racemosa* Michx. 92:11
T: in septentrionalibus Canada.
M: Lac St. Jean.
Prenanthes racemosa Michx. var. *racemosa*
- 2:83 *Prenanthes virgata* Michx. 92:13
T: in Virginia et Carolina.
M: Basse Caroline.
Prenanthes autumnalis Walt.
- 2:84 *Prenanthes crepidinea* Michx. 92:17
T: in regione Illinoensi et in excelsis montibus Carolinae.
(Not in mountains of the Carolinas - auth.)
M: none given

- 2:85 *Lactuca longifolia* Michx. 92:21
 T: in Carolina superiore.
 M: in Carolina environs de Burke.
Lactuca canadensis var. *longifolia* (Michx.) Farw.
- 2:85 *Lactuca graminifolia* Michx.* 93:1
 T: in Carolina inferiore.
 M: Floride et Basse Caroline.
- 2:86 *Hieracium canadense* Michx. 93:8
 T: in Canada.
 M: Lacs Mistassins.
Hieracium canadense Michx. var. *canadense*
- 2:86 *Hieracium scabrum* Michx. 93:9
 T: in septentrionalibus Canadae et in excelsis montibus Carolinae.
 M: Lacs Mistassins.
Hieracium canadense Michx. var. *scabrum*
- 2:87 *Hyoseris amplexicaulis* Michx. 93:10
 T: in Pennsylvania, Tennessee et Carolina.
 M: Knoxville.
Krigia biflora (Walt.) Blake
- 2:87 *Hyoseris montana* Michx. 93:12
 T: in altissimis montibus Carolinae septentrionalis.
 M: Sommet des hautes mont. de la Carol. Sept.
Krigia montana (Michx.) Nutt.
- 2:89 *Scorzonera pinnatifida* Michx. 93:14
 T: in ruderatis Carolinae.
 M: in ruderatis Carolinae inferioris.
Pyrrophappus carolinianus (Walt.) DC. var. *carolinianus*
- 2:89 *Cirsium repandum* Michx. 93:15
- 2:89 *Cirsium muticum* Michx. 93:17
 T: in altissimis montibus Carolinae.
 M: in excelsis montib. Carolinae.
- 2:91 *Liatris pycnostachya* Michx. 93:19
 T: in pratis Illinoensibus.
 M: Illinois prairies.
Liatris pycnostachya Michx. var. *pycnostachya*
- 2:93 *Liatris bellidifolia* Michx. 94:5
 T: in sabulosis Carolina septentrionalis.
 M: Sables arides de la Caroline Septentrionale.
Carphephorus bellidifolius (Michx.) T. & G.
- 2:93 *Liatris tomentosa* Michx. 94:6
 T: in Carolina septentrionali.

- M: Fayetteville dans les bois.
Carphephorus tomentosus (Michx.) T. & G.
- 2:92 *Liatris squarrulosa* Michx. 94:9
 T: none given
 M: Basse Caroline.
- 2:92 *Liatris aspera* Michx. 94:10
 T: in regione Illinoense.
 M: du pays des Illinois.
Liatris aspera Michx. var. *aspera*
- 2:92 *Liatris sphaeroides* Michx.
 T: in pratis Illinoensibus et in excelsis montibus Caroline.
 M: Prairies vers Misissipi.
Liatris scariosa (L.) Willd.
- 2:91 *Liatris macrostachya* Michx. 94:14
 T: in Virginia et Carolina.
 M: Basse Virginie et Carolina.
Liatris spicata (L.) Willd. var. *spicata*
- 2:93 *Liatris cylindracea* Michx. 93:21
 T: in pratis sylvisque Illinoensibus.
 M: Priaries et Bois du Misissipi.
- 2:94 *Vernonia oligophylla* Michx.
 var. α *verna* Michx.
 var. β *autumnalis* Michx.
Vernonia acaulis (Walt.) Gleason
- 2:95 *Vernonia angustifolia* Michx. 94:17
 T: in aridis apricis sylvarum Carolinae.
 M: Terrains arides et decouverts dans la Basse Caroline.
Vernonia angustifolia Michx. ssp. *angustifolia*
- 2:94 *Vernonia fasciculata* Michx. 94:18
Vernonia fasciculata Michx. ssp. *fasciculata*
- 2:95 *Vernonia praealta* Michx. 94:19
 T: in Nova Anglia.
 M: in Pennsylvania.
Vernonia noveboracensis (L.) Michx.
- 2:95 *Sparganophorus verticillatus* Michx. 95:3
 T: in inundatus, a Carolina ad Floridam.
 M: paladosa Caroline.
Sclerolepis uniflora (Walt.) BSP.
- 2:99 *Eupatorium falcatum* Michx. 95:10
 T: ad ripas fluviorum Ohio et Scioto.
 M: Rives de l'Ohio.
Eupatorium purpureum L.*

- 2:100 *Eupatorium serotinum* Michx. 95:14
 T: in scirpetis Carolina maritimis.
 M: in scirpetis Carolina et in agris neglectis Illinoensib.
Eupatorium serotinum Michx. var. *serotinum*
- 2:98 *Eupatorium verbenaeifolium* Michx. 95:20
 T: in humides Carolinae.
 M: in humides Carolinae, in aridis sylvarum Caroline.
Eupatorium pilosum Walt.
- 2:101 *Eupatorium connatum* Michx. 95:7
 T: a Canada ad Floridam.
 M: Carolines, Virginie, Illinois, Quebec, etc.
Eupatorium perfoliatum L. var. *perfoliatum*
- 2:101 *Critonia kuhnii* Michx. 96:3
 T: none given
 M: Haute Carol. rare dans la Basse.
Kuhnii eupatorioides L. var. *eupatorioides**
- 2:101 *Chrysocoma capillacea* Michx. 96:5
 T: in pascuis, juxta Charlestown et in Floride.
 M: in pascuis juxta Savannah.
Eupatorium capillifolium (Lam.) Small
- 2:102 *Chrysocoma coronopifolia* Michx. 96:6
Eupatorium compositifolium Walt.
- 2:101 *Chrysocoma nudata* Michx. 96:8
 T: in humidis Carolinae.
 M: Carolines.
Bigelowia nudata (Michx.) DC var. *nudata*
- 2:106 *Personia angustifolia* Michx. 96:12
Marshallia trinervia (Walt.) Trel.
- 2:105 *Personia latifolia* Michx.
Marshallia trinervia (Walt.) Trel.
- 2:105 *Personia lanceolata* Michx.
Marshallia obovata var. *scaposa* Channell
- 2:107 *Melanthera hastata* Michx. 95:15
 T: in Carolina.
 M: Caroline, Virginie.
Melanthera nivea (L.) Small
- 2:108 *Aster solidagineus* Michx. 96:16
 T: in Virginia et Carolina.
 M: A Charleston ad Montes Carolae. Junio floret.
- 2:114 *Aster biflorus* Michx. 96:17
Aster radula Ait.

- 2:109 *Aster acuminatus* Michx. 96:19
 T: in Canada.
 M: Canada et Montagnes (of North Carolina - auth.)
- 2:110 *Aster uniflorus* Michx. 97:2
 T: in vastis sphagnosis, juxta lacus Mistassinos.
 M: Lac des Cygnes et Riviera des Goelands.
Aster nemoralis Ait.
- 2:109 *Aster infirmis* Michx. 97:3
 T: a Canada ad Carolinam, per tractus montium.
 M: in collibus Carolinae Septentrionalis et ad Lineville Mountaenae Canada.
- 2:108 *Aster tortifolius* Michx. 97:6
 T: in Carolina inferiore.
 M: in Carolina.
- 2:113 *Aster villosus* Michx. 97:7
 T: in pratis Illinoensibus.
 M: Illinois.
Aster ericoides L. var. *ericoides*
- 2:112 *Aster surculosus* Michx. 97:8
- 2:114 *Aster amplexicaulis* Michx. 97:9
 T: in Carolinae inferioris dumosis.
 M: Basse Caroline.
Aster patens var. *gracilis* Hook.
- 2:111 *Aster argenteus* Michx. 97:12
 T: in rupibus ripariis fluminis Missouri.
 M: in rupibus ad ripas fluminis Missouri.
Aster sericeus Vent.
- 2:113 *Aster diversifolius* Michx. 98:2
Aster undulatus L.
- 2:112 *Aster sparsiflorus* Michx. 98:3
 T: in Carolina inferiore.
 M: Basse Carol.
Aster dumosus L. var. *dumosus*
- 2:111 *Aster subulatus* Michx.
Aster subulatus Michx. var. *subulatus*
- 2:116 *Solidago pauciflosculosa* Michx.
Chrysoma pauciflosculosa (Michx.) Greene.

- 2:116 *Solidago lanceolata* L. var. *minor* Michx. 98:10
Euthamia minor (Michx.) Greene
- 2:117 *Solidago virgata* Michx. 99:8
 T: in humidis sylvarum Carolinae inferioris.
 M: Basse Caroline in humidis sylvariis.
Solidago stricta Ait.
- 2:117 *Solidago retrorsa* Michx. 99:10
 T: in Carolina inferiore.
 M: Basse Caroline. Bois pres l'habitat. (vic. Charleston - auth.)
- 2:117 *Solidago glomerata* Michx. 99:12
- 2:120 *Senecio lyratus* Michx. 99:13
 T: in numoribus Carolinae.
 M: Pastures arides pres Charlest.
Senecio glabellus Poir.
- 2:120 *Senecio pauperculus* Michx. 99:16
 T: in Canada, juxta lacus.
 M: Lac St. Jean.
- 2:119 *Senecio tomentosus* Michx. 99:19
 T: in Carolinae loco dicto Flat.-Roc.
 M: Sur un Rocher. Flat Roc or hanging Roc.
 (South Carolina, not North Carolina, see note under *Sedum pussillum*, 1:276. 6 April 1794 - auth.)
- 2:121 *Tussilago integrifolia* Michx. 99:20
Chaptalia tomentosa Vent.
- 2:121 *Doronicum nudicaule* Michx. 99:21
Arnica acaulis (Walt.) BSP.
- 2:122 *Inula gossypina* Michx. 100:3
 T: in maritimis Carolinae et Floridae.
 M: Lieux arides en Basse Caroline. Fleurit en Septembre.
Chrysopsis gossypina (Michx.) Ell.*
- 2:122 *Inula graminifolia* Michx. 100:4
 T: a Carolina ad Floridam.
 M: Caroline.
Chrysopsis graminifolia (Michx.) Ell. var. *graminifolia**
- 2:123 *Erigeron divaricatum* Michx. 100:5
 T: in pratensibus Illinoensibus, prope Kaskaskia.
 M: Kaskaskia, Prairie du Rocher et Kaokia (aux Pays du Illinois).
Conyza ramosissima Cronq.
- 2:124 *Erigeron pulchellum* Michx. 100:6
 T: in Canada, Pensylvania et montibus Carolinae.

- M: Canada et Montagn de la Caroline Septentri.
Erigeron pulchellus Michx. var. *pulchellus*
- 2:123 *Erigeron hyssopifolium* Michx. 100:8
 T: ad sinum Hudsonis et juxta lacus Mistassins.
 M: Lacs Mistassins.
Erigeron hyssopifolius Michx. var. *hyssopifolius*
- 2:124 *Erigeron nudicaule* Michx. 100:9
 T: in udis herbosis Carolinae.
 M: in humidis sylvarum Carolina inferioris.
Erigeron vernus (L.) T. & G.
- 2:125 *Baccharis sessiflora* Michx. 100:12
Baccharis halimifolia L.
- 2:125 *Baccharis angustifolia* Michx. 100:13
- 2:126 *Conyza marilandica* Michx. 100:21
 T: a Pensylvania ad Carolinam.
 M: Virgin et Carol.
Pluchea camphorata (L.) DC.
- 2:126 *Conyza amplexicaulis* Michx. 100:18
 T: in humidis Carolinae.
 M: Basse Caroline - Lieux tres humides.
Pluchea foetida (L.) DC.
- 2:126 *Conyza pycnostachya* Michx. 100:19
 T: a Carolina ad Floridam.
 M: Carolina.
Pterocaulon pycnostachyum (Michx.) Ell. (*P. virgatum* (L.) DC. listed for this species in NLSPN (1982) is a different species according to Cronquist (1980) - auth.)
- 2:127 *Gnaphalium polycephalum* Michx. 101:1
Gnaphalium purpureum L. var. *purpureum*
- 2:129 *Artemisia caudata* Michx. 101:8
 T: ad ripas sabulosis fluminis Missouri
 M: Bords Sablonneux du Misissipi.
Artemisia caudata Michx. var. *caudata*
- 2:128 *Artemisia campestris* Michx. 101:9
 T: in arena mobili secus lacus ad sinum Hudsonis.
 M: in arena mobili lacum ad sinum hudsonis.
Artemisia campestris ssp. *borealis* (Pall.) Hall & Clements
- 2:130 *Eclipta brachypoda* Michx. 101:12
Eclipta alba (L.) Hassk.
- 2:131 *Bellis integrifolia* Michx. 102:1
 T: ad ripas rivulorum et in collibus umbrosis Tennessee.

- M: Cumberland.
Astranthium integrifolium (Michx.) Nutt. var. *integrifolium*
- 2:131 *Spilanthus repens* Michx. 102:2
Spilanthus americana (Mutis) Hieron. var. *americana*
- 2:134 *Verbesina sigesbeckia* Michx. 102:15
Verbesina occidentalis (L.) Walt.
- 2:134 *Verbesina coreopsis* Michx. 102:16
var. α *lutea* Michx.
- T: in Virginia et Carolina superiore.
M: in Virginia et Carolina superiore et in regione Illinoensium.
var. β *alba* Michx. 102:17
T: in Carolina maritima.
M: in Carolina maritima, Georgia in umbrosis ripariis amnium.
Verbesina alternifolia (L.) Britt.
- 2:135 *Verbesina helianthoides* Michx. 103:1
T: in occidentalibus Alleghanis, territoria Tennassée, et regione Illinoens.
M: Illinois & Wilderness entre Cumberland & Kentucky.
- 2:136 *Bidens chrysanthemoides* Michx. 103:6
T: a Pensylvania ad Carolinam, in aquosis.
M: Carol.
Bidens laevis (L.) BSP.
- 2:140 *Coreopsis mitis* Michx. 103:8
Bidens coronata (L.) Britt. var. *coronata*
- 2:138 *Coreopsis senifolia* Michx. 103:9
Coreopsis major Walt.
- 2:137 *Coreopsis latifolia* Michx. 103:17
T: in excelsis montibus Carolinae.
M: Vers le sommet de Black Mountain.
- 2:137 *Coreopsis dichotoma* Michx. 103:21
T: in sphagnosis umbrosis Carolinae.
M: Basse Caroline, lieux tres humides.
Coreopsis gladiata Walt. var. *gladiata*
- 2:140 *Coreopsis aristosa* Michx. 104:1
Bidens aristosa (Michx.) Britt. var. *aristosa*
- 2:139 *Coreopsis trichosperma* Michx. 104:2
T: in humidis Carolinae superioris.
M: Montagnes de Carol.
Bidens coronata (L.) Britt. var. *coronata*
- 2:140 *Helianthus canescens* Michx. 104:9
T: in pratensibus irrigris regionis Illinoensis et Tennassee.

- M: Illinois.
Helianthus mollis Lam.
- 2:141 *Helianthus tomentosus* Michx. 104:10
 T: in pratensibus Illinoensibus.
 M: Illinois.
Helianthus strumosus L.
- 2:142 *Galardia fimbriata* Michx. 104:13
 T: in paludosis aprocis, a Carolina ad Floridam.
 M: Lieux humides en Caroline et en Georgie.
Helenium drummondii H. Rock
- 2:142 *Galardia lanceolata* Michx.
Gaillardia aestivalis (Walt.) H. Rock
- 2:143 *Rudbeckia chrysomela* Michx. 104:16
 T: a Pennsylvania ad Carolinam.
 M: Pennsylvania, Illinois.
Rudbeckia fulgida Ait. var. *fulgida*
- 2:144 *Rudbeckia pinnata* Michx. 104:17
 T: in apricis Canadae et in collibus regionis Illinoensis.
 M: regionis Illinoensis juxta Wabash. (A Canadian specimen, juxta Batiscan ad versus les Trois Rivières, 104:18, is a paratype - auth.)
- 2:144 *Rudbeckia spathulata* Michx. 105:1
Rudbeckia fulgida Ait. var. *fulgida*
- 2:146 *Silphium integrifolium* Michx. 105:6
Silphium integrifolium Michx. var. *integrifolium*
- 2:145 *Silphium compositum* Michx.
- 2:146 *Silphium ternifolium* Michx. 105:14
 T: in montibus Virginiae et Carolinae.
 M: Montagnes des Carolines.
Silphium trifoliatum L. var. *trifoliatum*
- 2:146 *Silphium pumilum* Michx. 105:18
 T: in Florida.
 M: in Georgia et florida.
Berlandiera pumila (Michx.) Nutt.
- 2:149 *Viola hastata* Michx. 106:15
 T: in altis montibus Carolinae.
 M: A l'ouest de la Caroline dans les Montagnes élevées des Appalaches.
- 2:150 *Viola debilis* Michx. 106:20
 T: in montibus Alleghanis.
 M: in montib. altis America Septentrion.
Viola striata Ait.

- 2:150 *Viola rotundifolia* Michx. 106:21
- 2:153 *Lobelia claytoniana* Michx. 107:12
 T: a Pennsylvania ad Carolinam.
 M: Pennsylvania. Hab in Montibus Carolinae.
Lobelia spicata Lam. var. *spicata*
- 2:152 *Lobelia crassiuscula* Michx. 107:15
 T: in paludosis herbosis Carolinae maritimae usque ad Floridam.
 M: in paludosis Carolina, Basse Carol.
Lobelia glandulosa Walt.
- 2:152 *Lobelia puberula* Michx. 107:16
 T: in Carolina.
 M: in Carolina amnia maritimis.
Lobelia puberula Michx. var. *puberula*
- 2:153 *Lobelia amoena* Michx.
- 2:155 *Orchis humilis* Michx. 107:17
 T: in excelsis montibus Carolinae.
 M: Hautes Montagnes.
Orchis rotundifolia Banks ex Pursh*
- 2:156 *Orchis lacera* Michx. 107:18
Habenaria lacera (Michx.) Lodd*
- 2:156 *Orchis cristata* Michx. 107:19
Habenaria cristata (Michx.) R. Br.*
- 2:155 *Orchis clavellata* Michx. 107:20
Habenaria clavellata (Michx.) Spreng.*
- 2:155 *Orchis quinqueseta* Michx. 107:21
Habenaria lacera (Michx.) R. Br.*
- 2:157 *Malaxis unifolia* Michx. 108:3
 T: in umbrosis sylvarum, a Carolina ad Floridam.
 M: Basse Caroline.
- 2:158 *Ophrys pubera* Michx. 108:7
Liparis loeselii (L.) L. C. Rich.
- 2:159 *Limodorum trifidum* Michx.
Bletia purpurea (Lam.) DC.
- 2:160 *Arethusa parviflora* Michx. 108:13
Triphora trianthophora (Sw.) Rydb.
- 2:161 *Cypripedium canadense* Michx.
Cypripedium reginae Walt.
- 2:162 *Pistia spathulata* Michx. 109:3
 T: none given

- M: in rivulis ad Lacus Georgie, Florida.
Pistia stratiotes L.
- 2:165 *Podostemon ceratophyllum* Michx. 109:7
- 2:166 *Eriocaulon villosum* Michx. 109:9
Lachnocaulon anceps (Walt.) Morong
- 2:165 *Eriocaulon gnaphalodes* Michx.
T: in Carolina.
M: in Carolina, Georgia.
Eriocaulon compressum Lam.
- 2:166 *Eriocaulon pellucidum* Michx. 109:13
T: in septentrionalibus Canada.
M: Route de Chicoutoumé au Lac St. Jean, Chicoutoumé.
Eriocaulon septangulare With.
- 2:167 *Scleria reticularis* Michx. 109:19
Scleria reticularis Michx. var. *reticularis*
- 2:167 *Scleria oligantha* Michx. 109:14
- 2:168 *Scleria triglomerata* Michx. 109:16
T: in Carolina.
M: in pratis sylvaticus Carolina.
- 2:167 *Scleria ciliata* Michx. 109:18
T: in Carolina.
M: in umbrosis aridis Carolinae.
Scleria ciliata Michx. var. *ciliata*
- 2:173 *Carex subulata* Michx. 109:20
(Erroneously attributed to Canada by both Richard and Michaux; normal range Rhode Island to Georgia - auth.)
Carex collinsii Nutt.
- 2:174 *Carex militaris* Michx.* 110:2
- 2:170 *Carex viridula* Michx. 110:3
T: in Canada.
M: in Canada, entre Montreal et les Tres Rivières.
- 2:172 *Carex paupercula* Michx. 110:4
- 2:169 *Carex typhina* Michx. 110:6
T: in regione Illinoense.
M: in humidior sylvarum Illinoensium.
- 2:172 *Carex lenticularis* Michx. 110:7
- 2:174 *Carex oligosperma* Michx. 110:8
T: in Canada.
M: ad Lacus Mistassin dictos.

- 2:169 *Carex vulpinoidea* Michx. 110:9
 T: in Canada et Nova Anglia.
 M: Montreal.
- 2:175 *Carex lanuginosa* Michx. 110:12
Carex lasiocarpa var. *americana* Fern.
- 2:171 *Carex scirpoidea* Michx. 110:13
 T: ad sinum Hudsonis.
 M: Mistassin.
- 2:172 *Carex debilis* Michx. 111:1
 T: none given
 M: Basse Caroline?
Carex debilis Michx. var. *debilis*
- 2:170 *Carex triceps* Michx. 111:2
 T: in Carolina.
 M: in Carolina inferiore.
Carex complanata Torr. & Hook.
- 2:173 *Carex striatula* Michx. 111:3
- 2:176 *Tragia cordata* Michx. 111:4
 T: in Kentucky.
 M: entre le ville et Piercetown, a moitis de distance
 (Danville, 22 miles en route to Bardstown, 15 Sept. 1793,
 from Michx. journal - auth.)
- 2:176 *Tragia urticifolia* Michx. 111:7
 T: in Georgia.
 M: (no locality given - auth.) le 15 May 1784.
- 2:178 *Pachysandra procumbens* Michx. 111:8
- 2:180 *Betula glandulosa* Michx. 111:19
Betula glandulosa Michx. var. *glandulosa*
- 2:183 *Ambrosia absynthifolia* Michx. 112:16
Ambrosia artemisiifolia L. var. *artemisiifolia*
- 2:182 *Ambrosia bidentata* Michx. 112:19
 T: in regione Illinoensi.
 M: Priaries des Illinois.
- 2:183 *Ambrosia paniculata* Michx.
Ambrosia artemisiifolia L. var. *artemisiifolia*
- 2:186 *Crotonopsis linearis* Michx. 113:3
 T: in maritimis Carolinae, juxta Long-Bay, et in regione
 Illinoensi.
 M: Priaries des Illinois.

- 2:187 *Calla sagittifolia* Michx. 113:7
Peltandra sagittifolia (Michx.) Morong
- 2:189 *Sparganium angustifolium* Michx. 113:14
 T: in omnibus Canadae.
 M: in omnibus a Quebec ad Lacum Mistassin.
- 2:190 *Sagittaria graminea* Michx. 113:15
Sagittaria graminea Michx. var. *graminea*
- 2:190 *Sagittaria natans* Michx. 113:17
Sagittaria stagnorum Small
- 2:191 *Myriophyllum heterophyllum* Michx. 113:19
 T: in Carolina et Georgia.
 M: in Amne Santee (et) in amne ogechee
- 2:190 *Myriophyllum scabratum* Michx. 113:20
Myriophyllum pinnatum (Walt.) BSP.
- 2:192 *Juglans pterocarpa* Michx. 114:4
 T: in umbris humidis sylvarum, juxta mare Caspium.
 M: in humidis umbris juxta Angely ad mare Caspium. In
 Insula senseli.
Pterocarya fraxinifolia Lam.
 (Apparently inexplicable inclusion of a Eurasian species
 in *F. b.-a.* by Richard - auth.)
- 2:192 *Juglans mucronata* Michx. 115:3
 T: in humidis sylvarum Virginiae, Carolinae.
 M: Pennsylvania, Virginie et Caroline.
Carya lacinosa (Michx. f.) Loudon
- 2:192 *Juncus olivaeformis* Michx. 115:7
 T: in regione Illinoensium.
 M: Clarksville vis a vise Louisville au Kentucky, 1793.
 (Indiana side of Kentucky River, in Clark County - auth.)
Carya illinoensis (Walt.) K. Koch
- 2:193 *Castanea vesca* var. *americana* Michx. 115:13
Castanea dentata (Marsh.) Borkh.
- 2:197 *Quercus laurifolia* Michx. 115:19
 T: in Carolina meridionali et Georgia.
 M: in Carolina.
- 2:199 *Quercus catesbaei* Michx. 115:20
 T: in Marilandia, Virginia et Carolinis.
 M: in aridis, sabulosis Carolinae.
Quercus nigra L.

- 2:199 *Quercus triloba* Michx. 116:10
 T: a Nova Anglia ad Georgiam.
 M: Carol. in Pennsylvania.
Quercus falcata Michx. var. *falcata*
- 2:199 *Quercus falcata* Michx. 116:12
 T: a Virginia ad Floridam.
 M: Haute et Basse Caroline.
Quercus falcata Michx. var. *falcata*
- 2:197 *Quercus cinerea* Michx. 117:12
 T: in montibus Alleghanis.
 M: in montibus Pennsylvaniae et in regione Illinoensium.
- 2:194 *Quercus obtusiloba* Michx. 117:15;
 T: a Canada et Nova Anglia ad Floridam.
 M: Pennsylvania.
Quercus stellata Wang. var. *stellata*.
- 2:194 *Quercus macrocarpa* Michx. 117:21
 T: in montibus Alleghanis, Kentucky, Tennassée, regione Illinoense, etc.
 M: Illinois, Cumberland et Kentucky.
- 2:197 *Quercus imbricaria* Michx.
- 2:199 *Quercus banisteri* Michx.
Quercus ilicifolia Wang.
- 2:204 *Pinus mitis* Michx. 119:1
 T: in Virginia, Kentucky et Carolina.
 M: in Carolina.
Pinus echinata Mill.
- 2:205 *Pinus serotina* Michx. 119:5
- 2:206 *Abies denticulata* Michx. 119:7
 T: in Canada et Nova Anglia.
 M: Baye d'Hudson et Lacs Mistassins. In monte excelsiore Carolinae dicto Grand Father Mountain et in Canada (The latter sentence is partly wrong as it is evident Michaux confused *Picea rubens* Sarg. in the south with this species. On his label he has "Epinette noire des Canadiens" - auth.)
Picea mariana (Mill.) BSP.
- 2:213 *Stillingia ligustrina* Michx. 119:17
Sebastiana fruticosa (Bartr.) Fern.
- 2:210 *Euphorbia graminifolia* Michx. 119:19
 T: in maritimis Floridae et Georgiae.
 M: Parites maritimes et les plus meridionales de la Georgie.
Euphorbia heterophylla var. *graminifolia* (Michx.) Engelm.

- 2:215 *Croton monanthogynum* Michx. 120:7
Croton monanthogynus Michx.
- 2:214 *Croton disjunctiflorum* Michx. 120:8
Croton punctatus Jacq.
- 2:214 *Croton capitatum* Michx. 120:11
Croton capitatus Michx. var. *capitatus*
- 2:215 *Croton argyranthemum* Michx. 120:12
Croton argyranthemus Michx.
- 2:220 *Najas canadensis* Michx. 120:19
Najas flexilis (Willd.) Rostk. & Schmidt
- 2:220 *Vallisneria americana* Michx. 120:20
- 2:222 *Ceratiola ericoides* Michx. 120:21
T: in aridis sabulosis Georgiae et Floridae.
M: in Georgia, Florida.
- 2:224 *Adelia ligustrina* Michx. 121:2
T: in fruticetis Illinoensibus, Tennassée, etc.
M: in fruticetis Illinoensium et Colligis Tennessee juxta Nashville.
Forestiera acuminata (Michx.) Poir. in Lam.
- 2:225 *Adelia acuminata* Michx. 121:3
Forestiera acuminata (Michx.) Poir. in Lam.
- 2:224 *Adelia porulosa* Michx. 121:4
Forestiera segregata (Jacq.) Krug & Urban
- 2:225 *Salix eriocephala* Michx. 121:6
Salix discolor Muhl. var. *discolor*
- 2:225 *Salix cordata* Michx. 121:9
- 2:226 *Salix carolina* Michx. 121:10
T: in Carolina et Georgia.
M: Caroline.
- 2:225 *Salix incana* Michx. 121:13
T: in Canada, juxta lacum S. Joannis.
M: in Canada, juxta lacum S. Joannis et Riv des Goelands.
Salix candida Fluegge ex Willd. var. *candida*
- 2:226 *Salix longirostris* Michx. 121:14
T: a Nova Anglia ad Carolinam, copiose in demetosis apricis Tennessee.
M: a Canada ad Carolinam.
- 2:229 *Ilex canadensis* Michx. 121:13
T: in praeruptis montibus, a sinu Hudsonis ad lacum Champlain.
M: Quebec, Tadoussack, Lac St. Jean, Mistassins dans les

- lieux humid. et fert.
Nemopanthus mucronatus (L.) Trel.
- 2:230 *Vitis aestivalis* Michx. 122:17
 T: in sylvis, a Virginia ad Carolinam.
 M: a pensylvania ad Carolinam.
Vitis aestivalis Michx. var. *aestivalis*
- 2:231 *Vitis riparia* Michx. 122:20
 T: ad ripas et in inusulis fluviorum Ohio, Misissippi, etc.
 M: idem, plus Missouri.
Vitis riparia Michx. var. *riparia*
- 2:231 *Vitis rotundifolia* Michx. 122:21
- 2:231 *Vitis cordifolia* Michx. 123:3
 T: a Pensylvania ad Floridam.
 M: a Nova Anglia ad Carolinam.
Vitis vulpina L.
- 2:233 *Pyrularia pubera* Michx. 123:11
 T: in montibus Carolinae occidentalis et in Virginia.
 M: in Montium excelsorum umbrosis Virginia, Carolinae.
- 2:234 *Acnida nisocarpa* Michx. 123:13
 T: none given
 M: Carolina.
Amaranthus cannabinus (L.) Sauer
- 2:235 *Zanthoxylum ramiflorum* Michx. 123:14
 T: a Canada ad Virginiam et in Kentucky.
 M: in Canada juxta Montreal et in Noveboraco ad riparias
 fluvii Hudsonis. Distr Canada, Pensylvania, Kentucky,
 Ilinoese et raro in Carolina.
Zanthoxylum americanum Mill.
- 2:235 *Zanthoxylum tricarpum* Michx. 123:15
Zanthoxylum clava-herculis L.
- 2:236 *Prinos ambiguus* Michx. 123:18
Ilex ambigua (Michx.) Torr.
- 2:236 *Prinos gronovii* Michx. 123:19
Ilex verticillata (L.) A. Gray
- 2:238 *Smilax pulverulenta* Michx. 124:4
 T: in Canada et Pensylvania.
 M: a Canada ad Virginiam.
Smilax herbacea var. *pulverulenta* (Michx.) A. Gray*
- 2:238 *Smilax tamnifolia* Michx.* 124:5
- 2:238 *Smilax pubera* Michx. 124:13
Smilax pumila Walt.

- 2:239 *Dioscorea paniculata* Michx. 124:14
 T: a Canada ad Carolinam.
 M: N. Jersey.
Dioscorea villosa L. var. *villosa*
- 2:241 *Polygonella parvifolia* Michx. 124:17
 T: in aridissimis Carolinae.
 M: Sables arides aux environs de Wilmington dans la Caroline Septentrionale.
Polygonella polygama (Vent.) Engelm. & Gray
- 2:241 *Gymnocladus canadensis* Michx. 124:19
 T: none given
 M: in regione Illinoensium.
Gymnocladus dioicus (L.) K. Koch
- 2:243 *Populus angulosa* Michx. 125:7
Populus deltoides Marsh. ssp. *deltoides*
- 2:243 *Populus tremuloides* Michx.* 125:12
- 2:243 *Populus grandidentata* Michx. 125:13
- 2:248 *Planera gmelini* Michx. 126:9
 T: ad ripas fluviorum Ohio, Misissippi et Carolinae.
 M: Caroline et Georgie.
Planera aquatica Walt. ex J. F. Gmel.
- 2:250 *Veratrum parviflorum* Michx.* 126:16
 T: in excelsis montibus Carolinae.
 M: Tres hautes montannes.
- 2:251 *Melanthium racemosum* Michx. 126:19
 T: in excelsis montibus Carolinae septentrionalis.
 M: Yellow Mountain.
Melanthium virginicum L.
- 2:253 *Acer eeriocarpum* Michx. 127:2
 T: none given
 M: Rives de l'Ohio
Acer saccharinum L.
- 2:254 *Mimosa glandulosa* Michx. 127:14
 T: ad ripas fluvii Tennassée; etrain juxta Misissippi.
 M: Isles du Misissippi et Rivierre Tenassée.
Desmanthus illinoensis (Michx.) MacMill. ex B. Rob. & Fern.
- 2:254 *Mimosa horridula* Michx. 127:11
Schrankia microphylla (Dryand.) Macbr.
- 2:256 *Fraxinus eiptera* Michx. 128:3
 T: in Virginia et Carolina.
 M: Il commence a 15 li. (French abbreviation of "league",

- approximately 3 miles - auth.) au dessus du Lac St Jean.
Fraxinus americana L. var. *americana*
- 2:255 *Fraxinus quadrangulata* Michx. 128:6
- 2:256 *Fraxinus platycarpa* Michx. 127:16
Fraxinus caroliniana Mill.
- 2:259 *Nyssa candicans* Michx. 128:21
T: ad amnens Ogeeche.
M: Rivierre Ogeeche.
Nyssa ogeechee Bartr. ex Marsh.
- 2:258 *Nyssa villosa* Michx.
T: a Nova Anglia ad Carolinam.
M: a Connecticut ad Carolinam.
Nyssa sylvatica Marsh. var. *sylvatica*
- 2:259 *Nyssa tomentosa* Michx. 129:4
T: ad amnem St. Mary et in Florida.
M: Riv. Altahama, St. Mary et Floride.
Nyssa aquatica L.
- 2:259 *Nyssa angulisans* Michx. 129:8
Nyssa aquatica L.
- 2:261 *Vittaria angustifrons* Michx. 129:10
T: in Florida, juxta amnen Aisa-hatcha.
M: Sur les Bords de la Riv. Aisahatcha le 1^{er} Avril (1787 -
auth.) Floride.
Vittaria lineata (L.) Sm.
- 2:262 *Pteris gracilis* Michx. 129:13
Cryptogramma stelleri (S. G. Gmel.) Prantl
- 2:263 *Woodwardia banisteriana* Michx. 129:16
Osmunda cinnamomea L.
- 2:271 *Polypodium hexagonopterum* Michx. 130:16
Thelypteris hexagonoptera (Michx.) Weatherby
- 2:270 *Nephrodium lanosum* Michx. 130:17
T: in montibus saxosis Tennassée et Carolinae septentrionalis.
M: in excelsis - then same as T.
Cheilanthes lanosa (Michx.) D. C. Eaton
- 2:269 *Nephrodium ruficolum* Michx. 130:4
T: in rupibus Canada et Nova Caesareae.
M: in rupibus Canada, Nova Angliae et Nova Caesareae.
Cheilanthes lanosa (Michx.) D. C. Eaton
- 2:271 *Polypodium connectile* Michx. 130:5
Thelypteris hexagonoptera (Michx.) Weatherby
- 2:269 *Nephrodium tenue* Michx. 130:6

- T: in Canada.
M: Quebec.
Cystopteris fragilis (L.) Bernh.
- 2:269 *Nephrodium asplenioides* Michx. 130:9
Athyrium asplenioides (Michx.) A. A. Eaton*
- 2:268 *Nephrodium punctilobum* Michx. 130:11
Dennstaedtia punctiloba (Michx.) Moore
- 2:267 *Nephrodium acrostichoides* Michx. 130:15
T: in Pennsylvania, Carolina et Tennassée.
M: same plus et Carolin. maritimis.
Polystichum acrostichoides (Michx.) Schott
- 2:265 *Asplenium thelypteroides* Michx. 130:1
T: in montibus Virginiae et Carolinae septentrionalis.
M: same plus Lac Champlain.
Athyrium thelypteroides (Michx.) Desv.
- 2:265 *Asplenium angustifolium* Michx. 130:2
Athyrium pycnocarpon (Spreng.) Tidest.
- 2:276 *Ophioglossum bulbosum* Michx. 131:11
T: in sabulosis Carolina inferioris.
M: in sabulosis Carolina.
Ophioglossum crotalophoroides Walt.
- 2:274 *Botrypus lunarioides* Michx.
T: in pascuis, circa Charlestown.
M: in pascuis sabulosis juxta Charleston.
Botrychium lunarioides (Michx.) Sw.
- 2:275 *Cteisium paniculatum* Michx. 131:9
T: in occidentalibus Virginiae ad fines Kentucky et in Tennassée.
M: Dady's Creek et pluri. creeks a 25 miles de West Point SW Clinch River.
Lygodium palmatum (Bernh.) Sw.
- 2:273 *Osmunda interrupta* Michx. 131:4
T: in Canada, Pensylvania et Kentucky.
M: Canada, Kentucky.
Osmunda claytoniana L.
- 2:281 *Equisetum scirpoides* Michx. 132:8
- 2:284 *Lycopodium lucidulum* Michx. 132:11
T: a Canada ad Carolina montosum.
M: New Jersey.
- 2:282 *Lycopodium dendroideum* Michx. 133:4
T: a Canada et Nova Anglia ad Carolinam montosam.
M: Montagne de Carol. Sept.